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Directory of Environmental Data Bases

WAPORA, Inc., Chevy Chase, MD

Prepared for

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NTIS

United States
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Region 5
230 South Dearborn Street
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Water Division

EPA

Directory of Environmental Data Bases

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This directory presents national, regional, state, and local sources of environmental and socioeconomic baseline information covering the six states of the U.S. Environmental Protection Agency's (EPA) Region V (Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin). The purpose of this directory is to provide those EPA, state and local officials that are involved in the environmental review of wastewater treatment projects under the Construction Grants Program with information on sources of environmental data. This information can then be used to assist in the development and review of environmental inventory documents (EIDs), environmental assessments (EAs), or environmental impact statements (EISs).

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DIRECTORY OF ENVIRONMENTAL DATABASES

FOR REGION 5

Prepared by:

U.S. ENVIRONMENTAL PROTECTION AGENCY

REGION 5

230 South Dearborn Street

Chicago, Illinois 60604

With Assistance From:

WAPORA, INC.

35 East Wacker Drive

Chicago, Illinois 60601

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INTRODUCTION

This directory presents national, regional, state, and local sources of environmental and socioeconomic baseline information covering the six states of the US Environmental Protection Agency's (EPA) Region V (Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin). The purpose of this directory is to provide those EPA, state and local officials that are involved in the environmental review of wastewater treatment projects under the Construction Grants Program with information on sources of environmental data. This information can then be used to assist in the development and review of environmental inventory documents (EIDs), environmental assessments (EAs), or environmental impact statements (EISs).

The information presented in this directory is also intended to be used by public officials in the development and review of other programs carried out by EPA Region V and the six participating state agencies. The data sources cover a variety of topical areas, enabling them to be utilized in a number of different ways. For example, as a reference tool, this directory summarizes and highlights the primary data sources that can typically be used to prepare environmental review documents, including EIDs, EAs and EISs. This directory also is intended, in some instances, to provide guidance as to the type of information that should be included in such documents, although the level of detail required in a particular environmental review document will vary depending on the nature of the project under examination and the type of document being prepared.

The organization of this directory reflects the categories generally addressed in the environmental review documents prepared under the National Environmental Policy Act (NEPA):

- Earth resources and atmosphere (topography, geology, soils, prime and unique agricultural lands, air quality, climate)
- Water resources (surface water and groundwater hydrology, quality and use, flood hazard areas)

- Biological resources (aquatic biology, wildlife, wetlands, forests, endangered species)
- Socioeconomics (population, housing, land use, community finances)
- Cultural resources (historical, archaeological, architectural).

In each of the above categories, data sources and descriptions are given first on national and regional levels, and then separately for each state and other local sources. Preceeding the categorized sources is a section detailing more broadly-based information sources including computerized databases.

It should be noted that occasionally a category, such as floodplains, may be addressed by data sources in more than one topic area. In such cases, this document provides cross references for the reader in order to ensure that a thorough presentation of sources is available. Chapter I describes general data sources which have information on virtually all specific categories, therefore, no cross referencing for these general sources is needed.

I. GENERAL DATA SOURCES

A. EPA REGIONAL LIBRARY, STATE LIBRARIES, AND MAJOR REFERENCE LIBRARIES

The EPA Regional Library, located in Chicago, was esblished in 1971 to provide needed environmental information resources for the six states in Region V, as well as the Great Lakes Basin, Ohio River Basin, and the Upper Mississippi River Basin. Listed below are the general categories of materials available:

- Legal (includes the U.S. Code, Public Laws, Code of Federal Regulations, EPA Legal Compilations, Congressional/Legislative materials, and State Laws)
- Technical Reports and Documents (includes EPA reports, Environmental Impact Statements, Nuclear Plant Reports, and Air Pollution Technical Information Center materials)
- Reference materials
- Journals (approximately 400 listings)
- Books (approximately 2,500 titles).

The Region V Library shares resources with many other libraries and EPA facilities through its interlibrary loan program. The library's address is:

US Environmental Protection Agency
Region V Library
230 S. Dearborn St.
Chicago, IL 60604
312/353-2022

Each state in the United States maintains an official state library. The state library acts as a depository of Federal government publications, state legislative information and regulations, historical records, and data on localities within each state. State librarians also provide valuable guidance by advising individuals of other sources of available data. Major reference libraries in communities throughout each state are also useful

sources of site-specific data. Most state libraries provide on-line searching of computerized bibliographic databases, and share the facilities of other libraries through regional reference and information networks.

State Libraries

Illinois State Library

Office of the Secretary of State
273 Centennial Bldg.
Springfield, IL 62704
217/782-2994

Indiana State Library

140 N. Senate Ave.
Indianapolis, IN 46204
317/232-3678

Michigan State Library

Law Building, 1st Floor
525 West Ottawa St.
Lansing, MI 48910
517/373-0640

Minnesota State Library

117 University Avenue
St. Paul, MN 55155
612/296-2775

Ohio State Library

Ohio Departments Bldg.
65 S. Front St.
Columbus, OH 43215
614/462-7061

Wisconsin State Library

310 E. State Capitol
Madison, WI 53702
608/266-1600

Appendix A contains a list of the major reference libraries in each state in Region V. This list includes libraries which function as depositories for information published by the US Geological Survey (USGS) and the Government Printing Office (GPO).

In addition to the state libraries listed above, it should be noted that the International Joint Commission (IJC) maintains a library which contains many documents pertinent to the environmental quality of the Great Lakes. For further information on the IJC library, contact:

International Joint Commission
Great Lakes Regional Office
P. O. Box 32869
Detroit, MI 48232
Attn: Ms. Patricia Murray, Librarian

B. THE NATIONAL TECHNICAL INFORMATION SERVICE (NTIS)

5285 Port Royal Rd.
Springfield, VA 22161
703/487-4600

The National Technical Information Service (NTIS), an agency of the US Department of Commerce, is the central source for the public sale of US government-sponsored research, development, and engineering reports as well as other publications prepared by national and local government agencies and their contractors or grantees. The core of the NTIS information system is a collection of more than a million different technical reports on completed government research, all permanently available in the form of film, paper, or magnetic tape. Full summaries of current research reports and other specialized information are published regularly by NTIS in a variety of formats, including weekly newsletters, a bi-weekly journal, and an annual index.

The NTIS bibliographic database comprises the bibliographic citations or research summaries of the approximately 70,000 technical reports announced annually. This database is the machine-readable version of the printed subscription journal, Government Reports Announcements and Index (GRAI). Searches of the NTIS database, as well as the other databases listed in this section, can be performed at nominal cost in most of the State and major reference libraries. Searches can be conducted for specific information either by identifying the author or title and date, or by identifying a particular category. In the latter case, the search is conducted by covering certain key words associated with that category. For example, to obtain information on the effects of onsite wastewater treatment systems on lake water quality, a search could be conducted using key words such as: water quality, onsite systems, septic tanks, lake eutrophication, nutrient dispersion, algal blooms, etc.

In addition, NTIS also publishes a weekly "Abstract Newsletter on Environmental Pollution and Control." This publication provides abstracts on recently published reports in the areas of air pollution, noise pollution,

solid wastes, water pollution, pesticides, radiation, environmental health and safety, general environmental topics and recently issued environmental impact statements.

The NTIS maintains a Local Government Credit Plan under which no advance funds are necessary for local governments to obtain credit and immediate shipments of NTIS products and services. Upon receipt of the special credit account application (PR-220, free on request), NTIS will mail a supply of preaddressed order forms bearing a special account number. These forms also will show a "ship to" address, if one is required. Subsequently, orders will be processed directly into the NTIS automated system. Although the price of documents obtained from NTIS varies considerably, most NTIS products cost between $7 and $40. In general, the delivery time for material ordered from NTIS is one to two weeks.

C. COMPUTERIZED DATABASES

Directory of On-line Databases
Cuadra Associates, Inc.
1523 Sixth Street, Suite 12
Santa Monica, CA 90401
213/451-0644

The Directory of On-line Databases, published quarterly by Cuadra Associates, Inc., is a complete listing of computerized databases available to the general public. The Directory covers databases that are available through international telecommunications networks as well as those that are accessible through on-line services connected to networks that serve only one country or a limited set of countries. Information on type, subject, producer, special use conditions, content, coverage and updates are included for each database. The following list of databases is arranged by subject matter. Forty-eight of the seventy-three listed databases are comprised of citations, and sometimes, summaries of information. The remaining databases contain source data and are preceded by an "(s)" (for source).

Broad-Based Data Sources:

ASI (American Statistics Index)
Books in Print
Compendex (Computerized Engineering Index)
Comprehensive Dissertation Index
Conference Papers Index
CRIS (Current Research Information System)
Federal Index (Index to Congressional Record, Federal Register, Weekly Compilation of Presidential Documents, and The Washington Post)
Federal-State Reports Legislative Tracking System
GPO Monthly Catalog
GPO Publications Reference File
ISI/ISTP&B (Index to Scientific & Technical Proceedings & Books)
Newsearch (Citations to current month's magazine, journal and newspaper literature)
NTIS
Research Centers Directory
Scisearch (Citations to worldwide literature covering range of scientific and technologic disciplines)
SSIE (Smithsonian Science Information Exchange)
State Publications
LOGIN (Local Government Information Network)
Research Centers Directory

Earth Resources and Atmosphere:

APTIC (Air Pollution Technical Information Center)
Geoarchive (Citations to worldwide geoscience literature)
Georef (Citations to geology and geophysics literature)
Meteorological & Geoastrophysical Abstracts
NASA
Oceanic Abstracts (Citations to worldwide literature on oceanography and other marine-related topics)
Range Management (Citations to literature on ranges, pastures, livestock, ranching and wildlife)
(s) Real-Time Weather
(s) Upgrade: SAROAD (Storage and Retrieval of Aerometric Data)
(s) ZIPWTHR NEDS (National Emissions Data System)

Water Resources:

Aqualine (Citations and abstracts on every aspect of water, wastewater, and the aquatic environment)
ASFA (Aquatic Sciences & Fisheries Abstracts)
(s) DMS (Hydrology and water quality data from USGS, NOAA and EPA)
Oceanic Abstracts
Range Mangement
(s) Real-Time Weather
Selected Water Resources Abstracts
(s) WDROP (Water Distribution Register of Organic Pollutants)
(s) UPGRADE: STORET, NASQAN (National Stream Quality Accounting Network)

Biological Resources:

Range Management

Socioeconomics:

(s) American Profile (1980 census data and estimates of current population, households and income)
ASI (American Statistics Index)
(s) Census of Retail Trade
(s) Current Population Survey
(s) EIS Economic Data (400 quarterly time series of national income and product accounts data)
(s) Labor Statistics
(s) National Planning Association/Economic (180,000 annual time series and forecasts of the U.S. economy)
(s) Onsite (aggregate data items from 1970 and 1980 censuses of population and housing)
Population Bibliography
(s) RDA (Regional Data Associates) (housing, demographic, financial and economic data for U.S., States, and SMSAs)
(s) Regional (macroeconomic data for states and SMSAs)
(s) Regional Employment
(s) Regional Forecast (economic projections for states and SMSAs)
(s) Regional Industry (industry specific economic data)
(s) Site 11 (demographic retrieval and report generation system)
(s) U.S. County (employment, personal income and population by county)
U.S. Public Schools Directory
(s) U.S. Regional (regional economic indicators)
(s) Upgrade: IDB (Integrated Database)
(s) Zip Code Demographic Data Base

Archaeological and Historic Resources:

America: History and Life (Citations and abstracts on U.S. and Canadian history, culture, and current affairs)

Agriculture:

AGRICOLA (Citations in agriculture and related areas)
(s) Agriculture (Technical Information Center)
(s) U.S. Census of Agriculture

Environment and Pollution Control:

Electric Power Industry Abstracts
Enviroline (Citations related to the environment and the management and use of natural resources)
Environmental Bibliography
(s) OHM-TADS (Oil and Hazardous Materials Technical Assistance Data System)
(s) Toxicology Data Bank
(s) EDE (Environmental Data and Ecological Parameters)
EIS: Digests of Environmental Impact Statements

D. OTHER SOURCES

National Referral Center (NRC)

US Library of Congress
10 First St., S.E.
Washington, D.C. 20540
202/287-5670

The NRC assists persons who need answers to technical questions by referring them to organizations that can provide needed information. This service is based on a computerized, subject-indexed inventory that contains descriptions of specialized information sources in all fields. The NRC responds to inquiries with referrals that include source names, addresses, telephone numbers, and descriptions of services provided. The NRC also publishes periodic directories of information resources. NRC's machine readable files hold information on 13,000 organizations.

Previous EISs

Valuable site-specific information may be obtained from previous EISs prepared on projects in a particular study area. The EPA Region V Office in Chicago maintains complete EIS files for the six states in Region V. Moreover, EPA can furnish information on whether or not an EIS has ever been done for a project in a particular study area. Recent EISs (completed within the last five years) may be examined in the Region V office. EISs completed more than five years prior are stored at the Federal Records Center. Federal EISs may also be purchased, on paper or microfilm, from:

Information Resources Press
1700 N. Moore St.
Arlington, VA 22209
703/558-8270

Community Members and Officials

Extensive information about a project area can be obtained from key members of the community who possess specialized information and knowledge of the area's characteristics and history. Such key informants may be individuals who act in any one of a number of different capacities in the community, of which the following is a partial list:

- Head of local government; mayor; city manager
- Director of planning or individual responsible for planning in the community
- City engineer or director of public works
- Editor of local newspaper, or local reporter for nearby newspaper
- Local banker
- Head of local Board of Education, or school principal
- Local agricultural extension agent
- Representative of the business community
- Faculty members of local colleges or universities
- Other individuals suggested by any of the above sources.

II. EARTH RESOURCES AND ATMOSPHERE

A. TOPOGRAPHY AND GEOLOGY

1. US Geological Survey. The data and publications of the US Geological Survey (USGS) are extremely productive sources of environmental baseline data regarding the topography and geology of an area. The USGS has collected, analyzed, and published detailed information about the nation's mineral, land, and water resources since 1879, and has released this information in a wide variety of available formats, as detailed in this section.

   a. Complete Publications Lists. The USGS has published a complete two-volume listing, with geographical indexes, of all its reports, maps and other publications issued between the years 1879 and 1970. Since 1970, its publications have been indexed in yearly volumes. These indexes are available at no cost. The indexes, and the publications to which they refer, are available as follows:

   Text Products and Indexes

   US Geological Survey
   Text Products Section
   Eastern Distribution Branch
   604 S. Picket St.
   Alexandria, VA 22302
   703/756-6141

   Maps of areas east of the Mississippi River, including Minnesota

   US Geological Survey
   Eastern Distribution Branch
   1200 S. Eads St.
   Arlington, VA 22202
   703/557-2751

   Maps of areas west of the Mississippi River

   US Geological Survey
   Western Distribution Branch
   Box 25286, Federal Center
   Denver, CO 80225
   303/234-3834

The USGS supplements its yearly publications listings with a monthly catalog, "New Publications of the Geological Survey." For a free subscription, write:

US Geological Survey
Mailing List Unit
582 National Center
Reston, VA 22092

Literature searches of USGS products can also be conducted online using the GEOREF computerized database. GEOREF also contains earth sciences references from many other sources.

Also available at no cost from the USGS Text Products Section is "A Guide to Obtaining Information from the USGS." This publication is updated annually and contains a complete listing of the types of products available from the USGS, together with detailed access information.

b. Books, Reports, and Periodicals. These include bulletins, circulars, environmental impact statements, professional papers, and special reports on geological topics, as well as USGS water supply papers, hydrologic atlases, water resources investigation reports, and other water-related publications.

c. Map Indexes. These are indispensable for locating needed maps and other materials. Indexes available from USGS include:

- Aerial photography summary record system, by states
- Geological index maps, by states
- Geophysical index maps, by states
- Index to advance material available from current topographic mapping in progress, by states
- Index to advance material available from the orthophoto mapping program, by states

- Index to aerial photography, by states
- Index to Geological Survey land use and land cover and associated maps
- Index to topographic maps of the U.S., by states
- Status of intermediate-scale county mapping
- Topographic mapping: Status and progress of operations.

d. Maps, Charts, and Diagrams. The following is a partial listing of the types of maps, charts, and diagrams available from the USGS. A full listing is included in the guide referred to on the previous page.

- Geologic quadrangle maps (GQ series)
- Geophysical index maps, by states
- State geologic maps
- Advance material from current topographic mapping
- LANDSAT image maps
- Land use and land cover maps
- National Park maps
- Orthophoto maps
- Out-of-print map reproductions
- Reproducibles of maps and color feature separates
- River survey maps
- Shaded-relief maps
- Slope maps
- State maps: Base, topographic, and relief
- Surface management (land ownership) and surface minerals management (federally-owned mineral rights) maps
- Topographic maps of counties
- Topographic maps of national parks, monuments, and historic sites.

e. Other USGS Data Sources. Sources of additional information within the USGS are given below, together with brief descriptions of the types of data and services provided.

Public Inquiries Offices

1028 General Services Administration Bldg.
19th & F Sts., N.W.
Washington, D.C. 20244
202/343-8073

503 National Center, Rm. 1-C-402
12202 Sunrise Valley Dr.
Reston, VA 22092
703/860-6167

USGS Public Inquiries Offices provide general information about agency programs and publications. Personnel will: (1) answer inquiries made in person, by mail, or by telephone; (2) recommend publications relating to specific subjects and areas; and (3) refer requests for specific technical information to the appropriate people. They will also distribute circulars, nontechnical publications, most catalogs, and indexes free of charge.

Geologic Inquiries Group (GIG)

907 National Center
Reston, VA 22092
703/860-6517

The GIG answers questions on the geology of specific areas, and gives information on geologic maps, mapping, and map indexes. Both written and telephone requests are handled by this office or are referred to the appropriate information source within the USGS.

National Cartographic Information Center (NCIC)

507 National Center
Reston, VA 22092
703/860-6045

The NCIC is an national information service for U.S. cartographic and geographic data. The NCIC organizes and distributes descriptions of maps and charts; aerial and satellite photographs; satellite imagery; map data in digital form; and geodetic control and geographic data. The NCIC also provides ordering assistance for aerial and satellite products available from USGS's EROS Data Center (listed below), and gathers information about aerial photography and mapping projects planned by Federal agencies.

The NCIC collects, organizes, and disseminates information on U.S. cartographic products through a central office, five Federal affiliates, and 23 state affiliates. The NCIC provides references, facilities and professional advice on the status and selection of maps, charts, space and aerial photographs, and other cartographic data generated by space and aerial photographs, and other cartographic data generated by government and private agencies. Furthermore, the NCIC assists users in locating and ordering cartographic products from the USGS, and publishes catalogs and user guides.

The NCIC maintains the Map and Chart Information System (MCIS), Aerial Photo Summary Record System, and Cartographic Catalog in machine-readable form; from these systems it provides microform, print, and computer-based services. The MCIS of the NCIC was constructed from existing computerized files of map descriptions provided by the USGS, the US Defense Mapping Agency, and the Library of Congress. The MCIS provides up to 50 different descriptors for U.S. maps and charts, including map sets, series, single sheets, and mapping byproducts. Descriptors include survey data, features, geographic extent of coverage, map insets, irregular boundaries, and historic information. The Center also performs in-depth research for professional users.

The NCIC's free quarterly newsletter gives information on new products and materials. Catalogs, user guides, and information brochures are also issued by NCIC.

NCIC regional offices are as follows:

For users in Illinois, Michigan, Minnesota, and Wisconsin:

Mid-Continent Mapping Center--NCIC
1400 Independence Rd.
Rolla, MO 65401
314/341-0851

For users in Indiana and Ohio:

Eastern Mapping Center--NCIC
536 National Center
Reston, VA 22092
703/860-6336

The USGS Geographic Names Information Section is presently developing alphabetical finding lists for each state. Included for each official name of listed geographical features are the feature class; location parameters, such as Federal Information Processing Standards (FIPS); State/County codes and coordinates; elevation; and listings of pertinent topographic maps. These lists, completed for Illinois, Indiana, and Wisconsin, are available in the form of printouts, microfiche or magnetic tape, and may be ordered from:

US Geographical Survey, NCIC
507 National Center
Reston, VA 22092
703/860-6045

Information and specialized searches may be requested from:

US Geographical Survey
523 National Center
Reston, VA 22092
703/860-6261
Attn: Roger Payne, Manager GNIS

Office of Earth Sciences Applications

708 National Center
Reston, VA 22092
703/860-6981

This office will answer questions about the USGS's multidisciplinary environmental studies and the US Department of the Interior's interagency environmental studies, including the translation of earth-science information into formats and language suitable for use by land use planners, and public decision-makers. These studies include, for example, environmental impact reports, studies on geologic hazards, applications of remote sensing, and applications of earth-science data to land and resource planning and management. Requests for specific information will be directed to the appropriate specialists.

Earth Resources Observation System (EROS)

EROS Data Center
User Services Unit
Sioux Falls, SD 57198
605/594-6511

The USGS' EROS Data Center is the primary distribution center for NASA's Landsat multispectral earth imagery; aerial photographs acquired by the Department of the Interior; and photographs and imagery acquired by NASA from research aircraft and satellites and from Skylab, Apollo and Gemini spacecraft. EROS's services are based on a comprehensive computerized system that catalogs all available remotely sensed data to facilitate on-line searching and automatic document ordering. The Applications Assistance Facility at the EROS Data Center provides inquiry and order capabilities. Scientists are also on hand to provide assistance in the application of the data to environmental problems, and also in ordering data from the Center.

The EROS Center promotes the use of remote sensing for solving land resource and environmental management problems by providing

technical assistance in the interpretation and manipulation of the data; in conducting formal training in the technology of remote sensing and its applications; and in maintaining a library collection on remote sensing. The Center distributes aerial photographs, film negatives, catalogs, and other data that it acquires from the LANDSAT satellites, the Earth Resources Experiment Package included in NASA's Skylab program, NASA's survey aircraft program, and the USGS's aerial photography missions. The Center's publications include Color Composite Pictures (available monthly); Index of Cloud-Free LANDSAT Coverage of the U.S. (updated monthly); and a brochure describing the Center's services in detail. The Center's computerized services are based on the Imagery Data Base file, which allow searching of all photographic and electronic data on such specific characteristics as geographic area, individual flight, project name, geographic coordinates, image quality, cloud cover, sensor platforms, and others.

There is an EROS Data Reference File in the USGS Water Resource Division Office in Columbus, Ohio. Microfilm copies are kept of data available from the Center, and assistance is provided to visitors in reviewing and ordering data.

National Water Data System (NWDS)

US Geographical Survey
440 National Center
Reston, VA 22092
703/860-6877

The NWDS collects data on the movement and characteristics of surface and underground waters. This information is stored, analyzed and disseminated throught WATSTORE, a large-scale computerized system. The NWDS also provides publications on related subject matters, including geological information relating to groundwater, flood frequency, flood inundation mapping, and sediment concentrations in water. (See Chapter III, Section A.1.b. for more information on the NWDS.)

Geological Names Committee

US Geological Survey
902 National Center
Reston, VA 22092

The Geological Names Committee is responsible for defining and recommending policy and rules for the entire USGS. The staff maintains lexicons that show geologic names in all literature.

Geography Program

National Mapping Division
710 National Center
Reston, VA 22092
703/860-6344

The Geography Program collects and analyzes land use data on a nationwide basis, develops methods of applying these data, and demonstrates the usefulness of the data to potential users. A primary activity of the program is mapping land use and land cover, and preparing associated maps showing political units, hydrologic units, census county subdivisions, and federally-owned land for the entire United States. The Geography Program developed a two-level land use and land cover classification system, and a computer-based Geographic Information Retrieval and Analysis System (GIRAS) to facilitate computer manipulation, graphic output, presentation of statistical tabulations, and geographic analysis of land resourse use. Source data consists primarily of aerial photographs, with secondary input derived from remotely sensed data from satellites, maps, and data currently available from other Federal agencies, together with field verification when necessary.

Publications of the USGS Geography Program include: (1) Land Use Map series--land use and cover maps; (2) A Land Use and Land Cover Classification System for Use with Remote Sensor Data; (3) GIRAS: A Geographic Information Retrieval and Analysis System for Handling Land Use and Land Cover Data; and (4) Land Use and Land Cover Information and Air-Quality Planning.

The functions of GIRAS include: (1) digital storage of land use and land cover and associated maps; (2) cartographic editing and updating of the geographic database; and (3) manipulation and retrieval of data for performing area measurements, map compositing analysis, and statistical and other computer-aided operations such as the matching of land use maps with other environmental, demographic, and economic data.

Digital tapes of maps are on open file with the National Cartographic Information Center (NCIC). The Geography Program also answers technical inquiries in its area of specialization.

Copies of the Geography Program's publications may be ordered from:

USGS Branch of Distribution
1200 S. Eads St.
Arlington, VA 22202

2. State Geologists and Other State Sources. The following list identifies the State Geologist in each Region V state. In cases where additional related information may be obtained from another state office(s), that address is also listed.

ILLINOIS

Illinois State Geological Survey
121 Natural Resources Bldg.
Urbana, IL 61801
217/344-1481
Attn: Jack A. Simon

Illinois State Water Survey
605 E. Springfield
P.O. Box 5050, Station A
Champaign, IL 61820
217/333-4952
(Groundwater quality information)

Division of Water Resources
2300 S. Dirksen Parkway
Springfield, IL 62764
217/782-6953
(Flood control studies)

INDIANA

John B. Patton
Indiana Geological Survey
Dept. of Natural Resources
611 N. Walnut Grove
Bloomington, IN 47401
812/335-2863

(Geological survey, coal and industrial minerals, geochemistry, geology, geophysics, petroleum, publications, and educational services)

MICHIGAN

Michigan Dept. of Natural Resources
Geological Survey Division
P.O. Box 30028
Lansing, MI 48909
517/373-1256
Attn: Arthur E. Slaughter

MINNESOTA

Minnesota Geological Survey
University of Minnesota
1633 Eustis St.
St. Paul, MN 55108
612/373-3372
Attn: Matt S. Walton

OHIO

Ohio Division of Geological Survey
Fountain Square
Building 6
Columbus, OH 43224
614/469-5344
Attn: Horace R. Collins

Office of the Planning Coordinator (OPC)
Ohio Environmental Protection Agency (OEPA)
361 E. Broad Street
Columbus, OH 43215
614/466-7232

(Computerized Geographic Information System (PEMSO))

Ohio River Basin Commission
Division of Public Water Supply
36 E. 4th St.
Cincinnati, OH 45202
614/466-8307

(Groundwater hydrology, quality and use)

WISCONSIN

Wisconsin Geological & Natural History Survey
University of Wisconsin
1815 University Ave.
Madison, WI 53706
608/262-1705
Attn: Meredith E. Ostram

Wisconsin Department of Natural Resources
Bureau of Water Resources Management
P.O. Box 7921
Madison, WI 53707
608/267-9350
Attn: Bruce Baker
(Groundwater quality standards, modelling and planning)

3. Other Sources. Further sources of topographic and geologic data include:

- Soil Conservation Service (SCS) -- The SCS publishes baseline soils data by county. This information includes descriptions on soils types, water supply, depth to bedrock and other relief characteristics. The Distric Conservationist for each county maintains information on local geology, groundwater, surface water hydrology, erosion and sedimentation. (See Chapter II, Section B.1. for more information.)

  The SCS also collects data on watershed and flood prevention operations, and produces flood management studies. These studies may include such things as information on erosion control, flood prevention or irrigation practices. (See Chapter III, Section C. for more information.)

- The US Army Corps of Engineers -- The COE collects and publishes data on floods, flood-prone areas, flood frequencies, flood control structures and floodplain management. These data are available through district and division COE offices. (See Chapter III, Section E.2. for more information.)

- The Federal Emergency Management Agency provides maps which depict flood boundaries. (See Chapter III, Section E.1. for more information.)

- NOAA Regional Coast Information Center (RCIC) Network -- The RCIC network is a regional clearinghouse which disseminates information needed for the management of coastal lands and resources. Specifically, the clearinghouse provides information on a variety of topics, including geology and natural hazards, forestry, wetlands, beaches and dunes. (See Chapter III, Section G. for more information.)

- The US Department of Agriculture Water Data Laboratory -- The Water Data Laboratory maintains and utilizes a computerized storage and retrieval system for hydrologic data. The laboratory publishes annual, monthly and daily reports which include information on soil moisture and streamflows. (See Chapter III, Section D.1. for more information.)

- The National Geophysical and Solar-Terrestrial Data Center (NGSDC) -- The NGSDC of the US Department of Commerce is a data-management branch of NOAA's Environmental Data and Information Service. For more information, contact:

  NOAA EDIS/NGSDC
  Mail Code D-62
  325 Broadway
  Boulder, CO 80303
  Marine Data: 303/497-6338
  Terrestrial Data: 303/497-6118
  Seismological Data: 303/497-6591

- Data from well drillers' logs.

- Geology departments of local colleges and universities.

4. Hazardous Materials. Questions concerning information on toxic substances are handled through the EPA Office of Pesticides and Toxic Substances (OPTS). The purpose of the OPTS is to provide information

on toxics-related activities as well as the coordination of chemical data and activities. Documents prepared by the OPTS cover cross-agency information on chemical/regulatory activity for Federal as well as state (on a reduced level) programs. The address for the OPTS is as follows:

Office of Pesticides and Toxic Substances (TS-777)
US Environmental Protection Agency
401 M Street S.W.
Washington, D.C. 20460
Attn: Mr. Walter Kovalick,
Acting Director of the Chemical Coordination
Staff: 202/382-3375
Ms. Marsha Ramsay (state programs): 202/382-3405

EPA's Region V maintains the Remedial Response Information System (ERRIS), a site inventory computerized database of approximately 2,900 designated hazardous waste sites in the six states. Searches may be performed by location (state and county levels), by site name, or by EPA Site Identification Number. Requests should be sent to the following address:

Thomas Mateer
Chief, Program Support Section
Remedial Response Branch
Freedom of Information Office
USEPA, Region V
230 S. Dearborn
Chicago, IL 60604
312/886-6157

B. SOILS

1. Soil Conservation Service (SCS)

US Department of Agriculture
P.O. Box 2890
Washington, D.C. 20013
202/447-4543

The Soil Conservation Service (SCS) is responsibile for developing and implementing a national soil and water conservation program through technical and consultative assistance to 2,950 local conservation

districts; to sponsors of watershed protection and resource conservation and development projects; and to many other individuals and groups. The SCS: (1) appraises the status and condition of soil, water, and related resources, and trends in their use; (2) designs long-range conservation programs with the aid of local soil conservation districts and the public; and (3) evaluates progress in meeting conservation needs. SCS inventory and monitoring data are used at all governmental levels for conservation, use and development of land, and also for the protection of the environment.

The SCS prepares county soil surveys which identify the general soils associations of the county as well as more specific soils series. These surveys are conducted to determine soil use potentials and conservation treatment needs, and to give detailed information on the kinds of soils in each county, where the soils are located and how they can be used.

In addition to descriptions of the county's soil types and maps showing their distribution, the SCS surveys identify the capabilities of the county's various soils for agriculture, wildlife habitat, and forestry; the location of prime and unique farmland; and the suitability of the county's soils for such uses as septic tanks, land treatment, construction of roads and buildings, and water supply and sewerage systems. Information is provided on properties such as soil texture, permeability, shear strength, compaction characteristics, drainage, shrink-swell characteristics, grain size, plasticity, and reaction. Additional information is provided on depth to water table, flooding hazards, depth to bedrock, and relief characteristics. Appendix B is a list of the published surveys for each county by state.

Soil surveys can be obtained through the District Conservationist in each county. The District Conservationist also maintains information on local geology, groundwater, surface water hydrology, erosion, sedimentation, and land use. District Conservationists' addresses in

counties of the six states may be obtained from the state offices of the Soil Conservation Service listed below.

The SCS also is responsible for helping to identify prime agricultural lands that may be surface-mined under its Rural Abandoned Mine Program. (See Chapter III, Section H.1.b. for more information on this Program.)

2. State Soil Conservationists and Offices

ILLINOIS	John J. Eckes Springer Federal Bldg. 301 N. Randolph Champaign, IL 61820 217/398-5265
INDIANA	Robert L. Eddleman Corporate Square-West, Suite 2200 5610 Crawfordsville Rd. Indianapolis, IN 46224 317/269-3785
MICHIGAN	Homer R. Hilner 1405 S. Harrison Rd. E. Lansing, MI 48823 517/372-1910
MINNESOTA	Harry M. Major 200 Federal Bldg. U.S. Courthouse 316 N. Robert St. St. Paul, MN 55101 612/725-7675
OHIO	Robert R. Shaw 200 North High Street Rm. 522 Columbus, OH 43215 614/469-6785
WISCONSIN	Cliffton A. Maguire 4601 Hammersley Rd. P. O. Box 4248 Madison, WI 53711 608/252-5351

The Ohio Environmental Protection Agency (Ohio EPA) is another state source of Ohio soils information. Its PEMSO database supplies information on soil associations and engineering characteristics. User information is available from:

Office of the Planning Coordinator
Ohio EPA
361 E. Broad St.
Columbus, OH 43215
614/466-7232

C. ATMOSPHERE

1. Emissions and Air Quality. Data on stationary source emissions and ambient air quality may be obtained through:

US Environmental Protection Agency
National Air Data Branch (NADB)
Office of Air Quality Planning and Standards
Monitoring and Data Analysis Division MD-14
Research Triangle Park, NC 27711
919/541-5491

The NADB is responsible for collecting, validating, analyzing, and disseminating data relating to the air quality of the nation. The NADB maintains two computerized data systems: Storage and Retrieval of Aerometric Data (SAROAD) and National Emissions Data System (NEDS). SAROAD holds aerometric data reported by monitoring stations located throughout the U.S., while NEDS contains data on pollutant emissions and their sources across the country.

In addition to providing services directly from these databases, the NADB also publishes data reports and compilations. Data are gathered by EPA, its contractors, and other government agencies at all levels. The NEDS data bank covers 140,000 point sources of emissions in 3,300 areas of 55 states and territories; SAROAD holds 95 million aerometric data items from over 9,000 air monitoring stations from 1958 to date.

NADB publications include: (1) Air Quality Data Report (quarterly); (2) Emissions Data Report (semiannual); and (3) Air Quality Data from the National Air Surveillance Networks and Contributing State and Local Networks (annual). All publications are available from:

US Environmental Protection Agency
Air Pollution Technical Information Center
Research Triangle Park, NC 27711

Aerometric and emissions data from SAROAD and NEDS are distributed in machine-readable form to authorized persons. Data are also available through EPA's regional offices, which have direct access to the central EPA computer in Research Triangle Park.

The EPA library in Research Triangle Park performs literature searches on a broad range of air quality data. The address and phone number for contacting this library is:

US Environmental Protection Agency Library MD-35
Research Triangle Park, NC 27711
919/541-2777

The EPA Region V Library may be contacted as follows:

US Environmental Protection Agency
Region V Library
230 S. Dearborn, Rm. 1420
Chicago, IL 60604
Lou Tilley, Regional Librarian
312/353-2022

The USEPA Region V Library is also a valuable source of air quality data and should be contacted initially for literature searches. In addition to the above mentioned EPA sources, a limited amount of information on air quality is available through the USGS' Geography Program. By employing sophisticated land use and land cover analysis techniques, the Geography Program produces some materials on air quality planning. (See Chapter II, Section A.1., for more detailed information.)

2. Climatic Conditions. State and local area meteorological summaries, as well as special assistance with climatological problems, may be obtained from:

National Climatic Center (NCC)
National Oceanic & Atmospheric Administration
Federal Bldg.
Asheville, NC 28801
704/258-2850

The NCC, as the custodian of U.S. weather records, routinely collects, evaluates, publishes and distributes climatological data. The NCC furnishes data in the particular form and quantity needed, prepares special tabulations or summaries on request, and provides referrals to private meteorological consultants for those who require assistance in interpreting the information supplied. The scope of NCC data covers global (surface to 50,000 feet) meteorological elements including clouds, temperature, humidity, pressure, visibility, wind direction, wind speed, precipitation, and solar radiation.

The Water Data Laboratory of the US Department of Agriculture maintains and utilizes a computerized storage and retrieval system for hydrologic data. The laboratory publishes reports annually, monthly and daily on a variety of technical areas, including wind movement, evaporation and temperature. (See Chapter III, Section D.1. for more information.)

3. State Agencies. Each of the six states composing EPA Region V, with the exception of Minnesota, publish an Annual Air Quality Report which contains ambient air quality data for the previous year by Air Quality Control Region (AQCR). The Annual Air Quality Reports present ambient air quality data for the six regulated air pollutants (sulfur dioxide, particulates, carbon monoxide, ozone, nitrogen dioxide and lead). Each report also includes information on a AQCR's attainment or non-attainment status. In some cases, air quality trends are also described. The Annual Air Quality Reports can be obtained from:

OHIO

Ohio EPA
Division of Air Pollution Control
361 E. Brand St.
Columbus, OH 43215
614/462-6269
Attn: Eric Klein
($5 charge)

INDIANA

Indiana Board of Health
Bureau of Engineering
Air Pollution Control Division
1330 W. Michigan St.
Indianapolis, IN 46206
317/633-0621
Attn: Debbie Parker

ILLINOIS

Illinois EPA
Division of Air Pollution Control
2200 Churchill Road
Springfield, IL 62706
217/782-7326
Attn: Ambient Air Monitoring Section

MICHIGAN

Michigan DNR
Environmental Protection Bureau
Air Quality Division
P. O. Box 30028
Lansing, MI
517/322-1339

WISCONSIN

Wisconsin DNR
Bureau of Air Management
Monitoring Section
P. O. Box 7921
Madison, WI 53707
608/266-1902
Attn: Julian Chazin

Although Minnesota no longer publishes an Annual Air Quality Report, ambient air quality data can be obtained by writing to:

MINNESOTA

Minnesota Pollution Control Agency
Division of Air Quality
1935 W. County Rd., B-2
Roseville, MN 55113
612/296-7333
Attn: Gary Eckhardt

III. WATER RESOURCES

A. WATER RESOURCES DATA

Three offices of the USGS collect and disseminate water resources data on a national basis: the Office of Water Data Coordination (OWDC), the National Water Data System (NWDS), and the National Water Data Exchange (NAWDEX).

1. US Geological Survey

a. Office of Water Data Coordination (OWDC)

427 National Center
Reston, VA 22092
703/860-6931

The OWDC was established to coordinate water data acquisition. The OWDC prepares and distributes a handbook on recommended methods for water data acquisition, and disseminates information about the water data acquisition activities of both Federal and non-Federal agencies through the publication of a series of indexes:

- Index to Catalog of Information on Water Data -- Lists information on surface water and groundwater stations. Published in 21 volumes corresponding to the water resource regions of the U.S.
- Index to Stations in Coastal Areas -- A special index covering stations on ocean and Great Lakes coasts in the U.S.
- Index to Water Data Activities in Coal Provinces of the U.S. (2 vols.)
- Federal Plan for Acquisition of Water Data (annual).

b. National Water Data System (NWDS)

440 National Center
Reston, VA 22092
703/860-6877

Working through a nationwide array of observation sites, the NWDS collects data on the occurrence, quality, quantity, distribution,

and movement of the surface and underground waters constituting the water resources of the U.S. These data are stored in a large-scale computerized system called WATSTORE. This system consists of machine-readable files holding both water data and information on the collection sites. WATSTORE produces a variety of services ranging from simple data retrieval to complex statistical analyses.

The NWDS also distributes data through the annual publication of numerous hydrologic reports and maps. The scope and subject matter of these materials include surface water stage and discharge, chemical quality parameters, radiochemistry, sediment, pesticide and biological concentrations, water levels, geological information relating to groundwater, and flood frequency and flood inundation mapping. WATSTORE's computer files hold over 300,000 station-years of records, plus location information for some 125,000 collection sites. The NWDS also publishes the USGS series on water data for streamflow, water quality, and groundwater annually on a state boundary basis. WATSTORE is accessible through the USGS Water Resources Division, whose headquarters and district offices are listed below:

HEADQUARTERS	US Geological Survey Water Resources Division 441 National Center 12201 Sunrise Valley Dr. Reston, VA 22092 703/860-6801
ILLINOIS	Champaign County Bank Plaza 102 East Main, 4th Floor Urbana, IL 61801 217/398-5353
INDIANA	6023 Guion Rd., Suite 201 Indianapolis, IN 46254 317/927-8540
MICHIGAN	6520 Merchantile Way, Suite 5 Lansing, MI 48910 517/377-1608

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ILLINOIS	Champaign County Bank Plaza 102 East Main, 4th Floor Urbana, IL 61801 217/398-5353
INDIANA	6023 Guion Rd., Suite 201 Indianapolis, IN 46254 317/927-8540
MICHIGAN	6520 Merchantile Way, Suite 5 Lansing, MI 48910 517/377-1608

MINNESOTA	702 Post Office Bldg. St. Paul, MN 55101 612/725-7841
OHIO	975 W. 3rd Ave. Columbus, OH 43212 614/469-5553
WISCONSIN	1815 University Ave., Rm 200 Madison, WI 53706 608/262-2488

c. National Water Data Exchange (NAWDEX)

421 National Center
Reston, VA 22092
703/860-6031

NAWDEX is a confederation of government, academic, and private water-oriented organizations working together to help users identify, locate, and acquire needed information on the quantity and quality of surface and groundwaters. NAWDEX's services are based on a computerized directory of domestic and foreign organizations which provide water data, and a computerized index to sites for which water data are available. Working in a nationwide network, 59 assistance centers provide access to these data bases and furnish local-area expertise in the identification and location of needed data. NAWDEX's machine-readable files hold information on over 350,000 water data collection sites and more than 650 water-oriented organizations. NAWDEX publishes a periodic newsletter, a directory of assistance centers, and a variety of program-related documents. A bibliography is available on request. NAWDEX is also accessible through the USGS Water Resources Division state offices.

d. Other USGS Sources

Wild and scenic rivers maps, illustrating rivers that are both designated and under study, are available from the National Park Service.

(1) Floodplain Maps. Floodplain maps depicting areas subject to flooding are available from the Federal Emergency Management Agency (FEMA). These maps can also be obtained from the Flood Insurance Administration, the US Army Corps of Engineers and the Soil Conservation Service. (See Chapter III, Section C.2. and C.3. for more information.)

(2) Hydrologic Maps. The USGS also publishes hydrologic maps which show circulation and distribution of surface and groundwaters, aquifers and recharge areas, and other water quality information. (See Chapter II, Section A.1. for more information.)

2. Department of the Interior

Water Resources Scientific Information Center (WRSIC)

Office of Water Research & Technology (OWRT)
US Department of the Interior
18th & C Sts., N.W., Rm. 1308
Washington, D.C. 20240
202/343-8435

The WRSIC disseminates scientific and technical information to the water resources management and research community through print and computer-based services. The WRSIC prepares the Selected Water Resources Abstracts (SWRA) journal and maintains an equivalent computer-readable database. Additionally, the WRSIC produces a water resources research project database on current research in progress. WRSIC services in EPA Region V states are provided by:

University of Wisconsin at Madison
Water Resources Center
215 N. Randall Ave.
Madison, WI 53706
608/262-3577

3. State Sources

ILLINOIS

Illinois State Water Survey
605 E. Springfield
P. O. Box 5050, Station A
Champaign, IL 61820

Researches and prepares reports on both surface and groundwater quality as well as atmospheric quality pertaining to water resources: 217/333-4952

Illinois Water Resources Center
University of Illinois
2535 Hydrosystems Laboratory
208 N. Romine St.
Urbana, IL 61801

Coordinates water resources research program in Illinois supported by university and Federal funds and publishes reports for the various projects including water quality, management, treatment, and aquatic biota: 217/333-0536

INDIANA

Indiana Department of Natural Resources
Division of Water
State Office Bldg., Rm. 605
100 N. Senate Ave.
Indianapolis, IN 46204

Duties include permitting, planning for flood insurance purposes, as well as compilation of hydraulic data on surface and groundwaters; data and reports are available at the cost of reproduction: 317/232-4160

Division of Water Pollution Control
Indiana State Board of Health
1330 West Michigan Street
Indianapolis, IN 46206

Provides technical and administrative services in water pollution control. Data is available for surface (quality, quantity, and use) and ground (quality and use) waters: 317/633-0700

MINNESOTA

Upper Mississippi River Basin Commission
7920 Cedar Avenue, Rm. 210
South Minneapolis, MN 55420
612/725-4690

Minnesota Water Resources Research Center
866 Biological Sciences Center
University of Minnesota
St. Paul, MN 55108
612/376-5668

OHIO

Ohio River Basin Commission
36 E. 4th St.
Cincinnati, OH 45202
513/684-3831

Office of the Planning Coordinator (drainage network through PEMSO, nonpoint source pollution, flood-prone area maps)

Division of Public Water Supply (groundwater hydrology, quality and use): 614/466-8307

Ohio Environmental Protection Agency
361 E. Broad Street
Columbus, OH 43215

Water Inventory Section (groundwater data, precipitation data, Monthly Water Inventory Report): 614/265-6739

Water Planning Unit (regional water plans, water resources data for various uses): 614/265-6756

The above offices of the Ohio Department of Natural Resources, Division of Water, may be contacted at:

Ohio DNR
Division of Water
Fountain Square
Columbus, OH 43224
614/265-6717

Ohio River Valley Water Sanitation Commission
414 Walnut St.
Cincinnati, OH 45202
513/421-1151

Ohio Water Resources Center
Ohio State University
1791 Neil Ave.
Columbus, OH 43210
614/422-2334

WISCONSIN

University of Wisconsin at Madison
Water Resources Center and Engineering and Physical Sciences Library
215 N. Randall Ave.
Madison, WI 53706
608/262-0561

Wisconsin Water Resources Information Program (WRIP)

The WRIP is responsible for selecting, indexing, and abstracting documents for input to Selected Water Resources Abstracts (SWRA). In addition to directly searching SWRA and other databases on a cost-recovery basis, the WRIP also provides research, referral, and manual literature search services.

Wisconsin Department of
Natural Resources
Division of Environmental Standards
P. O. Box 7921
Madison, WI 53707

Bureau of Water Resources Management, Bruce Baker, Director (information available on surface and ground water quality standards, modeling, surveys and planning): 608/266-8631

Bureau of Water Supply, Robert Krill, Director (information available on public and private water supply systems including operating and construction records): 608/267-7651

State and local water and public health agencies can be consulted for the following types of data:

- Epidemiological studies
- Previous waste treatment facilities plans
- Wastewater management studies
- Hydrologic records
- Existing water use records
- Raw and treated water quality data
- Water treatment and distribution systems information
- Studies completed under the Clean Water Act, including 201 facilities plans, 208 areawide plans, and 303 basin plans
- Historical water quality data and survey records.

B. WATER QUALITY/POLLUTION CONTROL

1. Federal - US Environmental Protection Agency

a. STORET

Office of Water and Hazardous Materials
Monitoring and Data Support Division
Information Access and User Assistance Branch WH-553
401 M Street, S.W.
Washington, D.C. 20460
202/382-7220

STORET is a large-scale computerized STOrage and RETrieval system for water pollution measurement data collected from observation stations across the country. Available for on-line retrieval from remote terminals, the system is designed to serve planning and management personnel, providing a systematic state, regional, and national data base for reporting trends in water quality.

STORET's water quality data are derived from laboratory analyses of water samples. The data are acquired from the USGS's National Water Data System and from a variety of pollution abatement agencies at Federal, state, and local levels. STORET also contains fish contaminent and sediment contaminent data for the Region V states. In addition, STORET contains effluent monitoring data for all NPDES-permitted industrial and municipal dischargers located in Region V.

STORET's search and retrieval system can be by river reach, allowing users to pinpoint the exact geographic locations of point source dischargers and sample collection points. Data are contributed to STORET not only by the EPA, but also by the USGS, the COE, the various state environmental protection agencies, and other organizations. STORET's machine-readable files presently hold about 60 million historical monitoring observations from over 500,000 locations.

STORET data are available for on-line retrieval at EPA's Region V office in Chicago:

Stuart Ross, Regional STORET Representative
Data Management Section, 5MSD11
US Environmental Protection Agency
Region V
230 S. Dearborn
Chicago, IL 60604
312/353-0299

Additional information on STORET is available from:

Sam Conger and Phil Taylor
US Environmental Protection Agency
Monitoring and Data Support Division (WH-553)
401 M St., S.W.
Washington, D.C. 20460

On-line data may also be obtained from offices located in most state capitals, or from users' own terminals. STORET data are also provided in magnetic tape or printout form.

b. National Eutrophication Study Database

Environmental Monitoring Systems Laboratory
P. O. Box 15027
Las Vegas, NV 89104
702/736-2969

The National Eutrophication Study Data Base holds water quality data collected over a one-year period for each of some 800 lakes and their tributaries in 48 states. Maintained as part of EPA's STORET system, the database contains physical, chemical, and biological water quality data. The study characterized the degree of eutrophication for each of the lakes studied as well as for the sources of nutrients to these lakes. Other publications include state summaries of algal data, reports on methods, and comprehensive data analyses.

c. Large Lakes Research Laboratory (LLRL)

Office of Research and Development
9311 Groh Rd.
Grosse Isle, MI 48138
313/675-5000

As an adjunct to its research on Great Lakes water quality, the LLRL acquires, stores, analyzes, and disseminates water data, which is compiled in machine-readable form as the Great Lakes Water Quality Data Base. The data covers related tributaries and watersheds as well as the Lakes themselves. Data are acquired through surveys, regular monitoring and surveillance, and specifically designed research efforts.

2. State Sources

ILLINOIS

Illinois State Water Survey
605 E. Springfield
P.O. Box 5050, Station A
Champaign, IL 61820

Researches and prepares reports on both surface and groundwater quality as well as atmospheric quality pertaining to water resources: 217/333-4952

INDIANA

Division of Water Pollution Control
Indiana State Board of Health
1330 West Michigan Street
Indianapolis, IN 46206

Provides technical and administrative services in water pollution control. Data is available for surface (quality, quantity, and use) and ground (quality and use) waters: 317/633-0700

MICHIGAN

Michigan Department of Natural Resources
Division of Surface Water Quality
Lansing, MI 48909
517/373-1949

MINNESOTA

Minnesota Pollution Control Agency
Division of Water Quality
1935 W. County Road B-2
Roseville, MN 55113

Minnesota Water Resources Research Center
866 Biological Sciences Center
University of Minnesota
St. Paul, MN 55108
612/376-5668

OHIO

Division of Wastewater Pollution Control, Surveillance and Standards Section (major river basin water quality data): 614/466-7427

Ohio Environmental Protection Agency
361 E. Broad Street
Columbus, OH 43215

WISCONSIN

Bureau of Wastewater Management, Carl Blabaum, Director (information available on industrial and municipal discharge permits, monthly operating information, and construction plan reviews): 608/266-3910

Wisconsin Department of
Natural Resources
Division of Environmental Standards
P. O. Box 7921
Madison, WI 53707

C. RIVER BASIN/WATER SHED INFORMATION

In addition to providing assistance with soils data, the Soil Conservation Service (SCS) has access to large amounts of water resources information that have been collected in connection with the numerous projects that the SCS has conducted in its many areas of responsibility. The major SCS programs constituting this fund of information are as follows:

1. River Basin Surveys and Investigations. The SCS, along with other agencies within the Department of Agriculture (the Economic Research Service, the Forest Service, and the Science & Education Administration), cooperates with other Federal, state, and local agencies in studying the watersheds of rivers and other waterways. These studies include cooperative river basin surveys that serve as a basis for developing coordinated water resource programs; floodplain management studies that furnish technical data, assistance, and information for state and local governments to use in floodplain management programs; joint watershed surveys with the US Army Corps of Engineers for the purpose of flood prevention; and coordination of interagency water resources activities.

2. Watershed Planning Studies. The SCS has general responsibility for the administration of investigations and surveys of proposed small watershed projects in response to requests by sponsoring local organizations. The SCS assists sponsors in the development of watershed plans.

3. Data from Watershed and Flood Prevention Operations. The SCS administers cooperative activities with local sponsors, state agencies, and other public bodies in the planning and implementation of projects for erosion, floodwater, and sediment damage control; conservation and development of water resources; water utilization and disposal; flood prevention projects, including development of recreational facilities and improvement of fish and wildlife habitat; and also provides loans to local organizations through the Farmers Home Administration to help

finance the local share of the cost of such projects. The SCS is also responsible for carrying out emergency watershed protection measures.

D. HYDROLOGY

1. US Department of Agriculture Water Data Laboratory

Science & Education Administration (SEA)
Rm. 236, Bldg. 007, BARC
Beltsville, MD 20705
301/344-3550

The Water Data Laboratory maintains and utilizes a computerized storage and retrieval system for hydrologic data obtained at the several SEA Watershed Hydrology Research Centers. The laboratory disseminates these data through published annual summaries and microfilm products. The laboratory's annual publication is entitled "Hydrologic Data For Experimental Agricultural Watersheds in the U.S." Included in these products are annual, monthly and daily precipitation and streamflow data; temperature; evaporation; wind movement; soil moisture; and land use and land cover conditions. The Water Data Laboratory maintains data files from about 160 active and 55 inactive watershed studies covering the period from 1930 to the present.

2. US Geological Survey

Hydrologic Maps. The USGS also publishes hydrologic maps which show circulation and distribution of surface and groundwaters, aquifers and recharge areas, and other water quality information. (See Chapter II, Section A.1. for more information.)

Also see Water Resources Data (Chapter III, Section A).

E. FLOODPLAINS, FLOOD INFORMATION

1. FEMA

National Flood Insurance Program. The National Flood Insurance Program (NFIP) provides federally-subsidized flood insurance to individuals and businesses located in flood-prone areas. For property owners to qualify for federally-subsidized flood insurance, the local government having jurisdiction over the property must adopt and enforce land use controls that lessen or avoid damage in flood-prone areas. Flood Insurance Rate Maps are available from the Federal Emergency Management Agency. These maps depict 500- and 100-year flood boundaries, contours showing the base flood (100-year) elevation, and flood zone designations. Major flood protection structures also are depicted on the maps. The maps can also be obtained from:

National Flood Insurance Program
P.O. Box 34222
Bethesda, MD 20817
800/638-6220 or
800/424-8872

2. US Army Corps of Engineers (COE)

Office, Chief of Engineers
Department of the Army
Washington, D.C. 20314
202/693-6456

Data on floods, flood-prone areas, flood frequencies, flood control structures, and floodplain management are available in the form of numeric files, maps, and published reports from national headquarters and District COE offices. The Division and District boundaries for the COE offices listed below are depicted in Figure 1.

US Army Corps of Engineers
North Central Division
536 Clark St.
Chicago, IL 60605
312/353-6385

US Army Engineer District,
Louisville
P.O. Box 59
Louisville, KY 40201
502/582-5601

NORTH CENTRAL DIVISION
MINNESOTA
LAKE SUPERIOR
St. Paul District
WISCONSIN
LAKE MICHIGAN
LAKE HURON
Detroit District
LAKE ERIE
MICHIGAN
Chicago District
Rock Island District
Buffalo District
Pittsburg District
LEGEND
Division Boundary
District Boundary
ILLINOIS
Louisville District
INDIANA
Huntington District
OHIO
Source : U.S. Army Corps of Engineers
St. Louis District
OHIO RIVER DIVISION
LOWER MISSISSIPPI RIVER
VALLEY DIVISION

US Army Engineer District,
Chicago
219 S. Dearborn St.
Chicago, IL 60604
312/353-6412

US Army Engineer District,
Detroit
P.O. Box 1027
Detroit, MI 48231
313/226-6413

US Army Engineer District,
Rock Island
Clock Tower Bldg.
Rock Island, IL 61201
309/788-6361

US Army Engineer Distrct,
St. Paul
1135 USPO & Customhouse
St. Paul, MN 55101
612/725-7506

US Army Corps of Engineers
Ohio River Division
P.O. Box 1159
Cincinnati, OH 45201
513/684-3002

US Army Engineer District,
Huntington
502 8th Street
Huntington, WV 25701
304/529-5395

US Army Engineer District,
Pittsburgh - Federal Building
1000 Liberty Avenue
Pittsburgh, PA 15228
412/644-6800

US Army Corps of Engineers
Lower Missippi River Valley Div.
P.O. Box 80
Vicksburg, MS 39180
601/634-5000

US Army Engineer District,
St. Louis
210 Tucker Blvd. North
St. Louis, MO 63101
314/263-5660

3. State and Regional Sources

ILLINOIS

Illinois Department of Transportation
Division of Water Resources
2300 S. Dirksen Parkway
Springfield, IL 62764

Bureau of Planning: Prepares flood control studies for communities; reports available through the Bureau and State Library: 217/782-4636

INDIANA

Indiana Department of Natural Resources
Division of Water
State Office Bldg., Rm. 605
100 N. Senate Ave.
Indianapolis, IN 46204

Permits and plans for flood insurance purposes - data and reports are available at cost of reproduction: 317/232-4160

MICHIGAN

Michigan Department of Natural Resources
Division of Water Management
Lansing, MI 48909
517/373-3930

MINNESOTA

Minnesota Deaprtment of Natural Resources
Division of Waters
P.O. Box 32
St. Paul, MN 55101
612/296-4800

OHIO

Floodplain Management Unit (floodplain data, published reports and maps): 614/265-6755

Ohio Department of Natural Resources
Division of Water
Fountain Square
Columbus, Ohio 43224
614/265-6717

WISCONSIN

Wisconsin Department of Natural Resources
Bureau of Water Regulation & Zoning
P.O. Box 7921
Madison, WI 53707
608/266-8036

F. PROTECTED RIVERS

1. Wild and Scenic Rivers

Information and maps on wild and scenic rivers, protection program, and location, can be obtained from:

Department of the Interior
National Park Service
1709 N. Jackson Street
Omaha, NE 68102

Information on wild and scenic rivers that run through national forests is available from:

US Department of Agriculture, Forest Service
Henry S. Reuss, Federal Plaza, Suite 508
310 W. Wisconsin Avenue
Milwaukee, WI 53203

2. Nationwide River Inventory

Department of the Interior,
National Park Service
1709 N. Jackson Street
Omaha, NE 68102

G. COASTAL INFORMATION

NOAA Regional Coast Information Center (RCIC) Network

11400 Rockville Pike
Rockville, MD 20852
301/443-8137

The RCIC network is jointly sponsored by the following NOAA offices: Environmental Data and Information Services (EDIS), Office of Coastal Zone Management, Office of Sea Grant, and National Marine Fisheries Service. The network consists of regional clearinghouses which disseminate information needed for the management of the coastline and its resources. Subject areas in which the RCIC Clearinghouse provides assistance include aquaculture; beaches and dunes; biological, chemical, and physical oceanography; coastal history; coastal zone management; dredging and disposal; erosion and accretion; fisheries, forestry, and wildlife; geology and natural hazards; marine law, regulations, and permits; water resources; marshes, estuaries, and wetlands; pollution control and water quality; ports, harbors, and marinas; recreation; remote sensing; aerial photography; and maps. Services are provided in the form of information retrieval and referral. Input sources to the RCIC include organizations and individuals performing research, marine library collections, and commercial and governmental databases.

H. PLANNING FOR WATER RESOURCES

1. US Department of Agriculture

a. Resource Conservation and Development Studies. The SCS has general responsibility for assisting local units of government in the

planning and development of land and water resources in multiple-county areas. Projects in this area include erosion control, flood prevention, farm irrigation, water-based recreation, fish and wildlife facilities, agricultural pollution control, and water quality protection.

b. Rural Abandoned Mine Program. In this program, the SCS assists land users in the reclamation of abandoned or inadequately reclaimed coal-mined lands and associated water bodies. The SCS also is responsible for helping to identify areas of prime farmland that may be surface-mined in the future, providing technical assistance to mine operators for reclaiming coal-mined lands, reviewing permits for surface mining which involve prime farmland, and reviewing state reclamation plans.

Additional SCS programs include:

- Agricultural Conservation Program
- Rural Clean Water Program
- Waterbank Program
- Great Plains Conservation Program.

Data from all of the above studies and programs of the SCS are available through county-level SCS District Conservationists. (See Chapter II, Section B.1. for more information on SCS resources.)

2. State Sources (See Water Resources Data)

OHIO — Water Resources Planning: 614/265-6756

Ohio DNR
Division of Water
Fountain Square
Columbus, OH 43224

WISCONSIN

Wisconsin Department of Natural Resources
Division of Environmental Standards
P.O. Box 7921
Madison, WI 53707

IV. BIOLOGICAL RESOURCES

A. TERRESTRIAL AQUATIC

1. US Fish and Wildlife Service (FWS)

US Department of the Interior
Washington, D.C. 20240

Regional Office covering the six states in EPA Region V:

US Fish and Wildlife Service
Federal Bldg., Fort Snelling
Twin Cities, MN 55111
612/725-3500

The US Fish and Wildlife Service (FWS) is the major source of aquatic and terrestrial biological information in the United States. The FWS has its headquarters office in Washington, D.C., and has seven regional offices in the lower 48 states and Alaska, as well as a variety of field units and installations. These field units and installations include 410 National Wildlife Refuges comprising more than 86 million acres; 13 major fish and wildlife laboratories and centers; 50 cooperative research units at universities across the country; 89 National Fish Hatcheries; and a nationwide network of wildlife law enforcement agents. The FWS's jurisdiction covers wild birds, endangered species, marine mammals, inland sport fisheries, and fishery and wildlife research activities. The FWS maintains endangered species lists, formulates recovery plans, conducts status surveys, and performs research of local, national, and international scope in all areas of fish and wildlife biology, conservation, and management.

2. US Fish & Wildlife Reference Service (FWRS)

Denver Public Library
3840 York St.
Denver, CO 80205
303/571-4656

The FWRS is a computerized information retrieval system designed to provide information on American fish and wildlife to biologists and management personnel working on the state level. The FWRS indexes selected state fish and game agency technical reports to compile a

computer-readable database from which is offered bibliographies and research indexes by state. Copies of the original literature are also available in paper or on microfiche. FWRS's free quarterly newsletter gives a listing of new reports available.

3. US Army Corps of Engineers (COE)

The COE collects a great deal of biological information in the course of its research and development, environmental engineering, and water resource management activities.

4. US Forest Service

Information on vegetative cover, wildlife habitats, and forestry uses and management may be obtained from the US Forest Service. The national and regional offices are as follows:

US Forest Service
Dept. of Agriculture
P.O. Box 2417
Washington, D.C. 20013
202/477-3957

Region 9 - Eastern Region
633 W. Wisconsin Ave.
Milwaukee, WI 53203
414/291-3693

North Central Research Station
1992 Folwell Ave.
St. Paul, MN 55108
612/642-5207

- Area Planning and Development: 202/477-7403 (national)
- Forest Environmental Research: 703/235-1071 (regional)

B. ENDANGERED/THREATENED SPECIES

1. US Fish & Wildlife

Administered by FWS. Endangered species list and range information is available from the Fish & Wildlife Service -- See Chapter IV, Section A.1. for contacts.

2. US Army Corps of Engineers

A particularly valuable source of information on endangered species is a computerized system called the Sensitive Wildlife Information System (SWIS). The COE operates SWIS in cooperation with the US Fish and Wildlife Service, the US Forest Service, the Federal Highway Administration, and the Soil Conservation Service. SWIS provides information arranged by state on the habits and habitat requirements of selected endangered or protected species and other environmentally sensitive wildlife. SWIS' primary purpose is to aid the engineer and land manager in the planning and development of resource projects and environmental impact statements. Included for each taxon is information on the degree of protection accorded under Federal and state law; its geographic distribution; its known behavioral characteristics and habitat requirements, especially in regard to its adaptability to changes in its environment; its population structure and trends; and a reference bibliography. In addition to providing this information in narrative form, SWIS also produces computer-plotted distribution maps for each animal covered.

The information in SWIS is gathered from Federal, state, university, and other biologists, botanists, and ecologists; Federal, state, university and commercial publications and databases; and several major libraries. SWIS is available without cost to users who are authorized by the sponsoring agencies. Its address is:

Sensitive Wildlife Information System (SWIS)
US Army Corps of Engineers
Waterways Experiment Station
P.O. Box 631
Vicksburg, MS 39180
601/634-2108

3. State

See listings in Appendix C, Biological Resources Information.

C. HABITAT

1. US Fish & Wildlife Habitat Suitability Index Model

Another useful product of the FWS is its series of Habitat Suitability Index Models, which relate habitat requirements to specific fish species. These models are helpful in identifying physical habitat characteristics that may be limiting to individual species at a given site.

US Fish & Wildlife Service
Federal Building, Fort Snelling
Twin Cities, MN 55111
612/725-3500

2. US Department of Agriculture (SCS)

US Department of Agriculture
P.O. Box 2890
Washington, D.C. 20013
202/447-4543

The SCS publishes county soil surveys which include descriptions on the soils' capabilities to support wildlife habitats and forestry. (See Chapter II, Section B.1. and Appendix B for more information.)

D. WETLANDS

1. US Fish and Wildlife

a. Computerized Wetland Database Services

The USFWS' computerized wetland database services may be contacted at the following address:

USFWS
Data Base Administration
Office of Biological Services
Western Energy and Land Use Team
Drake Creekside Building
2625 Redwing Road
Ft. Collins, CO 80526
Attn: Patricia Stuben

b. National Wetlands Inventory Mapping

The Fish & Wildlife Services maintains the National Wetlands Inventory, which provides information for 5 of the 6 Region V states on wetlands locations and types by means of aerial photographic maps with overlays on which wetland boundaries and classification legends are drawn. Portions of Illinois, Indiana, Michigan, Minnesota and Ohio have been mapped.

These FSW wetland maps and status sheets of the mapping are available from:

US Fish & Wildlife
Federal Building, Fort Snelling
Twin Cities, MN 55111
612/725-3500

2. Wisconsin Wetland Inventory

The State of Wisconsin has developed its own Wetland Inventory that is similar to that of the FWS wetland mapping:

WISCONSIN: Wisconsin Department of Natural Resources
Bureau of Planning
101 South Webster Street
Madison, WI 53707
608/366-0053

Wisconsin maps can be ordered from:

University of Wisconsin Extension
Geological and Natural History Survey
Maps & Publications Sales
815 University Avenue
Madison, WI 53706
608/263-7389

E. WILDLIFE/HEALTH

US Fish & Wildlife Service

The USFWS maintains the National Wildlife Health Laboratory. This laboratory has information on disease pattern, outbreaks and wildlife disease prevention. The staff also tests wildlife for cause of death: disease, pollutants, toxics. The laboratory can be contacted at the following address:

USFWS
6006 Schroeder Road
Madison, WI
608/364-5411

F. STATE SOURCES

Statistics, surveys, research reports and other types of data on aquatic and terrestrial biology, wetlands, forests, and endangered species are available in many different forms from a variety of state agencies and organizations. A listing of state agency contacts for information on biological resources is contained in Appendix C.

V. SOCIOECONOMICS

A. POPULATION, HOUSING, AND COMMUNITY FINANCIAL CHARACTERISTICS

1. Bureau of the Census (BOC)

US Department of Commerce
Data User Services Division
Washington, D.C. 20233
301/899-7600

The Bureau of the Census (Bureau) collects, tabulates, and publishes a wide variety of statistical data concerning the housing, population, and economy of the nation. The Bureau's principal function, mandated by the Constitution, is a tabulation of the U.S. population. Subsequent legislation acts have required decennial censuses of agriculture, state and local units, manufacturers, mineral industries, distributive trades, construction industries and transportation. Current surveys provide information on many of the subjects covered in the censuses at monthly, quarterly, annual, or other intervals. The Bureau also compiles current statistics on United States foreign trade.

The Bureau conducts special censuses for states, counties and local government units; publishes estimates and projections of the population; provides current data on population and housing characteristics; and issues current reports on manufacturing, retail and wholesale trade, services, construction, imports and exports, state and local government finances and employment, and other subjects.

The principal products of the Bureau are its printed reports, computer tapes, and special tabulations. The Bureau also produces statistical compendia, catalogs, guides, and directories that are useful in locating specific information. The following is a list of Bureau of the Census field offices in the six states, together with their areas of service:

Chicago Regional Office
55 E. Jackson Bldv.
Chicago, IL 60604
312/353-0980

- Illinois (all counties except Madison and St. Clair)
- Indiana (all counties except Clark, Dearborn, De Kalb, Floyd, and Steuben)

Detroit Regional Office
231 W. Lafayette
Detroit, MI 48226
313/226-4675
- Indiana (counties of Dearborn, De Kalb, Steuben)
- Michigan
- Ohio (all counties except Lawrence)

Kansas City Regional Office
4th and State Sts.
Kansas City, KS 66101
816/374-4601
- Illinois (counties of Madison and St. Clair)
- Minnesota
- Wisconsin

Charlotte Regional Office
230 S. Tryon St.
Charlotte, NC 28202
704/371-6144
- Indiana (counties of Clark and Floyd)
- Ohio (Lawrence County)

The mission of the Bureau of the Census covers a wide range of statistical activities which vary considerably in purpose, size, and frequency. The Bureau's activities fall into three major categories: (1) a periodic program of major censuses, which include the decennial censuses of population and housing, and the quinquennial economic censuses, as well as other statistical projects that recur on a regular basis; (2) a current program of continuous collection, analysis, and reporting of demographic and economic statistics, such as retail sales and inventory estimates, housing information, and intercensal population estimates; and (3) work conducted for government agencies, educational institutions, and others under the Bureau's reimbursable program.

Most of the above work involves conducting demographic surveys, which represent 25 percent of the Bureau's total budget. These surveys usually focus on households and obtain information on demographic

subjects such as income, education, health, employment, and expenditures. Major recurring surveys conducted by the Bureau in this category include the Current Population Survey for the Bureau of Labor Statistics and the Annual Housing Survey for the Department of Housing and Urban Development.

The Bureau also conducts single-time or intermittent surveys, such as its 1980 Survey of Fishing, Hunting, and Wildlife Associated Recreation, conducted for the US Fish and Wildlife Service.

Information on Bureau of the Census products in the first two categories above is presented in this section; information on the Bureau's demographic surveys can be obtained by contacting its Demographic Surveys Division, at the Washington, D.C. (301/763-2776) address identified at the beginning of this section.

Major Bureau of the Census Products

The major printed reports issued on the basis of the 1980 Census of Population and Housing include:

- PHV80-V, Final Population and Housing Counts
- PC80-1-A, Number of Inhabitants
- PHC80-V, Data for counties, county subdivisions, and incorporated places (counts of housing units and persons)
- PC80-1-B, General Population Characteristics (1,000 inhabitants or more)
- HC80-1-A, General Housing Characteristics
- PC80-1-C, General Social & Economic Characteristics
- HC80-1-B, Detailed Housing Characteristics
- PHC80-3, Summary Characteristics for Governmental Units and SMSAs.

Intercensal population estimates and projections:

- P-25 and P-26 series Current Population Reports Published for each state, its counties and county equivalents, incorporated places, and active minor civil divisions (MCDs) in 20 states (Reg. V states included in this group are Illinois, Indiana, Minnesota, and Ohio).
- P-28 series Special Surveys for Counties and Incorporated Places.

Population and housing data from the 1980 census are also available in low-cost paper copy form or microfiche from NTIS. The reports are available for three commonly used geographic areas: state by county, state by named places with a population of 2,500 or greater, and nation by state and Standard Metropolitan Statistical Area (SMSA). Buyers receive a one-page comprehensive profile of information for each geographic area. For example, the state by county report includes information for the total state and for each individual county. For many states, this information is available for as little as $7.50. The largest report, which contains more than 600 profiles, is only $13.50.

Other Useful Bureau of the Census Products

State and Metropolitan Area Data Book, 1982. This 700-page statistical compendium offers a detailed profile of the U.S. as a whole, as well as of regions, divisions, states, SMSAs, and the component counties and central cities of metropolitan areas. It contains data not only from the Bureau of the Census but also from many other government and private data sources. The topics covered include land area, population, housing, income, labor force, local government financing and employment, manufacturing, wholesale and retail trade, vital statistics, school enrollment, and many others. The publication is available for $15 from the Government Printing Office (Stock No. 003-024-04932-5).

For smaller communities, the Bureau has issued a 12-page brochure focusing on census data available for counties, cities of less than 50,000 inhabitants, and county subdivisions, such as townships. The brochure is entitled Data for Small Communities (CFF No. 22) and is available from the Bureau's Data User Services Division (DUSD). The DUSD can be contacted through the Chicago regional office of the Bureau of the Census.

Also available from the DUSD is a recently issued 12-page brochure entitled A Preview of the 1982 Economic Censuses. This brochure gives publication schedules and coverage for the censuses of manufacturers, mineral industries, construction industries, retail trade, wholesale trade, service industries, and special census programs.

Additionally, the Data User Services Division of the Bureau publishes a monthly newsletter listing new products from the Bureau of the Census. A subscription to this publication, entitled Monthly Product Announcements, is available free of charge from the DUSD. In addition, each State Data Center periodically publishes a newsletter highlighting recent data and products from the Bureau and other organizations.

Maps of SMSAs from the Bureau of the Census' Number of Inhabitants (PC-80-1-A) 1980 Census report are available separately from the Bureau's Customer Services Division. Also available are photocopies of county subdivision maps from the same report series, showing minor civil divisions and census county divisions.

- The DUSD also operates a National Clearinghouse for Census Data Services, and will, on request, provide a list of private and public organizations that offer tape printouts and other census data services to customers.

- Special tabulations: Data users with specific requirements not met by published data may order special tabulations on computer tapes or printouts by writing to the Director, Bureau of the Census, US Department of Commerce, Washington, D.C. 20233.

Additional publications available from the Bureau include:

- Directory of Federal Statistics for Local Areas: A Guide to Sources ($5.50, available from GPO)
- Directory of Federal Statistics for Local Areas: Urban Update ($4.50, available from GPO)
- Government and Census Depository Libraries Holding Census Bureau Report (Available free from DUSD)
- Census 80: Introduction to Products and Services (Available free from DUSD)
- 1980 Census of Population and Housing: Users' Guide (available free from DUSD)
- Reference Manual on Population and Housing Statistics from the Census Bureau (Available for $2 from DUSD)
- Economic Statistics Data Finders for agriculture, business, economic surveys, and industries (single copies free from DUSD).

2. Bureau of Economic Analysis (BEA)

US Department of Commerce
Washington, D.C. 20230
202/523-0777

The BEA provides projections of future population in SMSAs which incorporate the "Series E" projections of the Bureau of the Census. These projections can be used to estimate current population and to project future populations for facilities planning areas. Along with population projections up to the year 2000, the BEA also provides estimates by state for personal income, per capita income, average earnings by occupation and the consumer price index.

The data and analyses prepared by the BEA are disseminated primarily through monthly publications, the Survey of Current Business, periodic supplements to the Survey of Current Business, and the Business Conditions Digest.

3. US Department of Housing and Urban Development

HUD USER
Office of Policy Development and Research
P.O. Box 280
Germantown, MD 20767

HUD USER is a computer-based information service created by the Department of Housing and Urban Development (HUD) to disseminate the results of HUD-sponsored research to the public. This service; (1) provides automated literature searches from its database research reports; (2) serves as a distribution center for Office of Policy Development and Research reports and announcements of new research; and (3) produces and distributes abstract bibliographies and catalogs. HUD USER covers housing management, neighborhood conservation, community development, building technology, economic development, energy conservation, and any topic related to housing and urban development. Additionally, HUD USER conducts free on-line searches and provides abstract citations of holdings, which are available in full text from NTIS. Manual literature searches and referrals are also offered.

4. State Sources of Population and Housing Data

ILLINOIS
Office of Housing and Community Development
Department of Commerce and Community Affairs
222 S. College St.
Springfield, IL 62706
217/782-3555

INDIANA
State Housing Board
Community Services Administration
111 N. Capitol St.
Indianapolis, IN 46204
317/232-7055

MICHIGAN
State Housing Development Authority
Department of Social Services
P.O. Box 30044
Lansing, MI 48909
517/373-8370

MINNESOTA
Minnesota Housing Finance Agency
333 Sibley St.
St. Paul, MN 55101
612/296-7608

OHIO

Office of the Planning Coordinator
Ohio EPA
361 E. Broad St.
Columbus, OH 43215
614/466-7232
(Demographic information in PEMSO database)

Ohio Housing Development Board
1200 Atlas Bldg.
8 E. Long St.
Columbus, OH 43215
614/466-7970

Ohio State Department of Economic and
Community Development
Office of Research
30 E. Broad St.
Columbus, OH 43215
614/466-2115

The Office of Research analyzes and disseminates economic and demographic information for all counties and municipalities in Ohio. It uses machine-readable US Bureau of the Census data and other sources for annual population estimates, population projections, and county profiles. The Office issues an annual publication, Ohio Population Estimates.

Division of Wastewater Pollution Control
Special Projects Section
Ohio EPA
361 E. Broad St.
Columbus, OH 43215
614/460-7427
(Community fiscal data)

Ohio Department of Development
Ohio Data Users Center
P. O. Box 1001
Columbus, OH 43216
614/466-2115

The Ohio Data Users Center (ODUC) supplies information on the economic and demographic characteristics of counties and the state. ODUC Data Notes, a free bi-monthly publication, details new developments in data and services available from ODUC and the US Bureau of the Census.

WISCONSIN

Lee Martinson
Senior Housing Planner/Information Specialist
Division of Housing and Community Services
Department of Development
123 W. Washington Avenue
P.O. Box 7970
Madison, WI 53707
608/266-5363

Wisconsin Housing Information System (HIS) maintained at the above address provides current information on housing conditions and needs, especially for low- and moderate-income households. A new housing plan to be completed in March 1983 will give information on population, housing stock, and household characteristics; future population and housing growth; and other data useful in planning.

Wisconsin Housing Finance Authority
P. O. Box 1728
Madison, WI 53701
608/266-7884

5. Additional Sources of Population and Housing Data

- City/county planning departments and commissions
- County assessors' offices
- Township clerks
- School districts
- Chambers of commerce
- 208 agencies
- Facilities planners
- Local college geography departments
- State bureaus of statistics
- Building permit data
- Municipal tax records
- Utility connections
- State and local historical society publications for historic population trends
- Local realty boards
- Local postal service facilities.

B. LAND USE

1. National Sources

Soil Conservation Service
Inventory and Monitoring Division
US Dept. of Agriculture
P. O. Box 2890
Washington, D.C. 20013
202/447-5424

The Inventory and Monitoring Division (Division) collects and disseminates data on land quality, conservation needs, and land use for selected points in most counties in the United States. The data are stored in machine-readable files. The primary products of the Division are the Conservation Needs Inventory (CNI), the Potential Cropland Study, and the Natural Resources Inventories. Included are

county, state, and national data files on land use, land capability, conservation treatment needs, wind erosion, prime farmlands, potential for new cropland, and flood-prone areas. Input is obtained from field data collected at randomly selected primary sample units in every county of the United States, with the exception of lands owned by the Federal government. Tape copies and computerized searching of the machine-readable files are available at cost from:

Iowa State University Statistical Laboratory
Ames, IA 50011

The SCS also prepares Resource Conservation and Development Studies, aimed at assisting local units of government in the planning and development of land and water resources. This information includes data on forest and agricultural acreages. (See Chapter III, Section B. for more information.)

The USGS' Geographic Names Section maintains an active national research, coordination, and information center. The staff assists in problems and inquiries concerning domestic geographic names. For more information, contact:

Geographic Names Section
USGS
523 National Center
Reston, VA 22092
703/860-6262

Parkland and Recreation

Information on parkland and recreational areas may be obtained from:

National Park Service (NPS)
US Department of the Interior
Washington, D.C. 20240
202/343-7394

The NPS regional office covering the Midwest is:

NPS Midwest Regional Office
1709 N. Jackson St.
Omaha, NE 68102

Information on Federal lands may be obtained from:

Bureau of Land Management
US Department of the Interior
18th & C Sts., N.W.
Washington, D.C. 20240
202/343-5994

The USGS prepares a wide variety of literature ranging from books and periodicals to maps and diagrams which relate to land use analysis. These materials include, for example, aerial maps, topographical maps, base maps, and surface management (by ownership) maps. Furthermore, the USGS' Geography Program has developed a sophisticated land use and land cover classification system; information from this system is analyzed by the Geography Program in several publications. (See Chapter II, Section A.1. for more detailed information.)

The NOAA Regional Coast Information Center (RCIC) Network is a clearinghouse of information pertaining to the mangement of coastal lands and resources. The RCIC Network provides aerial photographs and maps, and other information related to the planning of coastal areas. (See Chapter III, Section C.4. for more information.)

The Water Data Laboratory of the US Department of Agriculture maintains and utilizes a computerized storage and retrieval system for hydrologic data. The Laboratory's reports, published annually, monthly and daily, include information on land use and land cover conditions. (See Chapter III, Section C.6. for more information.)

Land use data may also be obtained from the Bureau of the Census (Agricultural Census data), the US Fish and Wildlife Service, the US Forest Service (recreational areas), and the Bureau of Economic Analysis (projections of industrial development). (Refer to the previous section on population for information on the Bureau of Census and the BEA. See Chapter IV, Section A. for information on the USFWS. See Chapter IV, Section D. for information on the US Forest Service.)

2. State and Regional Sources. Much valuable information may also be obtained on present and future uses of land from regional planning commissions and state planning departments. This information includes industrial and commercial development, uses of under-developed and vacant land, sensitive and hazardous areas, farmland preservation, recreational open space, floodplain and wetlands management, and other activities that may affect the degree and location of future growth. This information may be obtained from regional land use plans, transportation plans, water and sewer plans, capital improvement plans, 208 plans (drainage basin studies), and recreation and open space plans. In addition, regional and state planning agencies can often furnish current population and housing information, as well as data in almost every other category covered herein. A listing of the regional planning commissions in the six states of Region V is contained in Appendix D. The state agencies that can provide information on population, housing, economic development, land use and related matters are listed below.

ILLINOIS

Department of Commerce and Community Affairs
222 S. College St.
Springfield, IL 62706
217/792-7500

Commission for Economic Development
222 S. College St., Room 203
Springfield, IL 62706
217/782-2874

INDIANA

Economic Development Group
Department of Commerce
440 N. Meridian St.
Indianapolis, IN 46204
317/232-8854

State Planning Services Agency
300 Harrison Bldg.
143 W. Market St.
Indianapolis, IN 46204
317/232-1470

MICHIGAN

Office of Economic Development
Department of Commerce
P.O. Box 30225
Lansing, MI 48909
517/373-3530

MINNESOTA

Office of Local and Urban Affairs
State Planning Agency
200 Capitol Square Bldg.
550 Cedar St.
St. Paul, MN 55101
612/296-9000

Department of Economic Development
Hanover Bldg.
480 Cedar St.
St. Paul, MN 55101
612/296-2755

Minnesota Land Management Information Center
Minnesota Department of Energy, Planning
and Development
Rm. LL45, Metro Square Bldg.
7th and Robert Sts.
St. Paul, MN 55101

The Minnesota Land Management Information Center, a service bureau operating the Minnesota Land Management Information Systems (MLMIS), provides land use and natural resource data collection, storage, and analysis for governmental agencies in Minnesota. Collected data are referenced by longitude, latitude, and UTM (Universal Traverse Mercator), based on the geocoding schemes used by the US Land Survey and Minor Civil Divisions. Scope of the data includes Minnesota land use; geocoding; watersheds; lakes and lakeshore development; soils; forest cover; and land suitability analysis. The following computerized data are maintained at 40-acre resolution for the State of Minnesota: Land use as of 1969, public ownership by agency, 1960 and 1970 minor civil division numbers, soil type, geomorphic region, forest type, highway orientation, water orientation, watersheds, irrigation activity, historical and archaeological sites, school districts, and recreation sites. Statewide files are held not only for 40-acre resolution with 70 variables, but also for five-kilometer resolution with 200 variables. MLMIS publishes a newsletter, maps and atlases, reports, manuals, technical reports, papers, and theses. Additional services include information systems design, and advisory and consulting services.

OHIO

Roger D. Hubbell, Chief
Office of Outdoor Recreation Facilities
Ohio DNR
Fountain Square
Columbus, OH 43224

(Information on the State Comprehensive Outdoor Recreation Plan and recreational facilities)

Economic Development Division
Department of Economic and Community Development
State Office Towers, 23rd Fl.
30 E. Broad St.
Columbus, OH 43215
614/466-8831

WISCONSIN

Don Pokorski
Division of Housing and Community Services
Department of Development
125 W. Washington Ave.
P.O. Box 7970
Madison, WI 53707
608/266-3751

(Information on municipal annexations, land subdivisions activity, and county farmland preservation)

Department of Local Affairs and Development
P.O. Box 7970
Madison, WI 53707
608/266-1018

Division of State Executive Budget and Planning
Department of Administration
101 S. Webster St.
Madison, WI 53702
608/266-1035

VI. ARCHAEOLOGICAL, HISTORIC and ARCHITECTURAL RESOURCES

A. FEDERAL

1. National Register Of Historic Places

US Department of the Interior
National Park Service
440 G St., N.W.
Washington, D.C. 20243
202/343-6401

The National Register (Register) is the primary source of information on identified archaeological, historic and architectural resources in the United States. The Register is a computer-readable inventory of districts, sites, buildings, structures, and objects which have met Federal eligibility criteria and are deemed to be worthy of preservation. Properties meeting National Register criteria are nominated by the State Historic Preservation Officers (SHPO), or, in the case of Federal property, by representatives appointed by agency heads. Final decisions concerning listing on the Register are made by the Secretary of the Interior.

The complete National Register is available from the GPO in the form of a printed two-volume directory with updates. The two-volume directory is cumulative through 1978, and subsequent annual compilations (noncumulative), normally published the first Tuesday in February beginning in 1979, must be consulted for an update of listings. Additions to the National Register may be found by consulting the Federal Register published the first Tuesday of the month. The National Register also covers all historic areas in the National Park System and properties eligible for designation as National Historic Landmarks. Approximately 25,000 properties are currently listed in the National Register.

The SHPO should be consulted to identify all properties potentially and presently eligible for listing in the National Register within the primary impact area. Regulations of the Advisory Council on Historic

Preservation apply if the sites in question are either listed on or are determined to be eligible for listing in the National Register. The Advisory Council is a semiautonomous Federal council, separate from the National Park Service, and is the major governmental policy advisor in the field of archaeological and historic preservation.

2. National Historical Publications And Records Commission (NHPRC)

NHPRC Data Base on Historical Records in the United States
National Archives
Washington, D.C. 20408
202/724-1630

The NHPRC is a Federal commission supported by the National Archives and Records Service of the US General Service Administration. The NHPRC Data Base contains information on archives and manuscripts held throughout the nation.

This database is used to produce the Directory of Archives and Manuscripts Repositories, and includes descriptions of all archival and manuscript materials housed in repositories in the United States. Examples of such materials are collections of personal papers, corporate records, photographs, original motion pictures and sound recordings, machine-readable files, and oral history tapes. Information is derived from a variety of sources, including questionnaires, published descriptions of archives and manuscript collections, and survey forms and data files submitted by field workers on cooperating projects. The Commission publishes a Directory of Archives and Manuscript Repositories, available from the above address. The Commission has also supported cooperative database development in the states of Wisconsin, Minnesota, and Illinois, and is headquartered in the Wisconsin State Historical Society.

3. US Geological Survey

The USGS prepares maps, charts, and diagrams of the national parks, as well as various historic sites and monuments. This information is

available for purchase from the USGS. Also, through the USGS' National Cartographic Information Center, maps and brochures are available which include historic information on a particular locality.

Great Lakes Historical Society
480 Main St.
Vermilion, OH 44089
216/967-3457

Ms. Anne Manuell
Cultural Resources Coordinator
Division of Historic Sites
405 E. Washington St.
Springfield, IL 62706

4. Other Sources

Where to Look: A Guide to Preservation Information. Advisory Council on Historic Preservation. Available from the Advisory Council or from the Superintendent of Documents, US Government Printing Office, Washington, D.C. 20402

B. STATE HISTORIC PRESERVATION OFFICES

ILLINOIS

Mr. David Kenney
Department of Conservation
524 S. Second St.
Springfield, IL 62706
217/782-3340

INDIANA

Mr. Gary Ellis
Division of Historic Preservation and Archaeology
Department of Natural Resources
202 N. Alabama
Indianapolis, IN 46204
317/232-1650

MICHIGAN

Ms. Martha Bigelow
Michigan Historic Division
Department of State
208 N. Capitol St.
Lansing, MI 48918
517/373-0510

MINNESOTA

Historical Society
Historical Bldg.
690 Cedar St.
St. Paul, MN 55101
612/726-1171

OHIO

Division of Historic Preservation
Ohio Historical Society
Interstate 71 at 17th Ave.
Columbus, OH 43211
614/466-1500

The Ohio Historical Society also maintains five regional offices that provide information and guidance to local governments on historic preservation and their respective preservation organizations. The regional representatives coordinate historic preservation activities within their respective regions, although they do not provide surveying or inventorying of historic sites or structures. The regional offices and representatives are as follows:

Ms. Gloria Scott
Northwest Office - Ohio Historical Society
Center for Archival Collections
Jerome Library
Bowling Green State University
Bowling Green, OH 43403
419/372-2411

Mr. Jeffrey Brown
Northeast Office
Ohio Historical Society
Stark County Regional Planning Commission
County Office Building
Canton, OH 44702
216/454-5651

Ms. Maryanne Brown
Southwest Office
Ohio Historical Society
Wright State University
Dayton, OH 45435
513/873-2815

Ms. Kathleen Kelley
Central South Central Office
Ohio Historical Society
Columbus Landmarks Foundation
22 N. Front St.
Columbus, OH 43215
614/221-0227

Mr. Chris Witner
Southeast Office
Ohio Historical Society
Ohio University
Department of History
Athens, OH 45701
614/594-6578

WISCONSIN

Mr. Richard Dexter
State Historical Society of Wisconsin
816 State St.
Madison, WI 53706
608/262-2732

APPENDIX A

REFERENCE LIBRARIES IN REGION V

APPENDIX A

The following is a list of major reference libraries in each state. The libraries listed in the left-hand columns are those which function as depositories for geological and water resources publications, and maps issued by the USGS. The libraries listed in the right-hand columns are depositories of materials issued by Federal departments and agencies, and published by the GPO. Libraries with asterisks in the left-hand are both USGS and GPO depositories; those with double asterisks are GPO Regional Depositories. GPO Regional Depositories are required to retain copies of all government publications.

MAJOR REFERENCE LIBRARIES IN ILLINOIS

U.S. Geological Survey Depositories

Aurora
  Public Library
Carbondale
  Southern Illinois University*
Charleston
  Eastern Illinois University*
Chicago
  Chicago Academy of Science
  Field Museum of Natural History
  John Crerar Library*
  Loyola University*
  Museum of Science and Industry
  Chicago Public Library*
  University of Chicago*
  University of Illinois
De Kalb
  Northern Illinois University*
Edwardsville
  Southern Illinois University*
Elgin
  Gail Borden Public Library
Elsah
  Principia College*
Evanston
  Northwestern University*
Galesburg
  Knox College
Kankakee
  Olivet Nazarene College*
Macomb
  Western Illinois University*
Monmouth
  Monmouth College*
Normal
  Illinois State University*
Peoria
  Peoria Public Library*
Rock Island
  Augustana College
South Holland
  South Holland Library
Springfield
  Illinois State University**
Urbana
  Illinois Geological Survey
  University of Illinois*

U.S. Government Printing Office Depositories

Bloomington
  Illinois Wesleyan University
Carlinville
  Blackburn College
Carterville
  Shawnee Library System
Champaign
  University of Illinois
Chicago
  Chicago State University
  DePaul University School of Law
  Field Museum of Natural History
  Illinois Institute of Technology
  Loyola University School of Law
  Northeastern Illinois University
  Northwestern University School of Law
  University of Illinois at Chicago Circle
  William J. Campbell Library of the U.S. Courts
Decatur
  Decatur Public Library
Edwardsville
  Southern Illinois University
Freeport
  Freeport Public Library
Galesburg
  Galesburg Public Library
Glen Ellyn
  Lewis University College of Law
Jacksonville
  MacMurray College
Lake Forest
  Lake Forest College
Lebanon
  McKendree College
Lisle
  Illinois Benedictine College
Lockport
  Lewis University
Moline
  Black Hawk College
Morton Grove
  Oakton Community College
Mount Carmel
  Black Hawk College
Morton Grove
  Oakton Community College
Mount Carmel
  Wabash Valley College

* Also a GPO Depository
** GPO Regional Depository

MAJOR REFERENCE LIBRARIES IN ILLINOIS (Concluded)

U.S. Government Printing Office Depositories

Mount Prospect
  Mount Prospect Public Library
Oak Park
  Oak Park Public Library
Oglesby
  Illinois Valley Community College
Palos Hills
  Moraine Valley Community College
Park Forest South
  Governors' State University
Peoria
  Bradley University
River Forest
  Rosary College
Rockford
  Rockford Public Library
Wheaton
  Wheaton College
Woodstock
  Woodstock Public Library

MAJOR REFERENCE LIBRARIES IN INDIANA

U.S. Geological Survey Depositories

Bloomington
  Indiana University*
Fort Wayne
  Indiana-Purdue Universities*
Gary
  Indiana University*
Greencastle
  De Pauw University*
Hanover
  Hanover College*
Indianapolis
  Indiana State Library**
  Indiana-Purdue Universities
Muncie
  Ball State University*
New Albany
  Indiana University Southeast*
Notre Dame
  University of Notre Dame*
Rensselaer
  St. Joseph's College*
Richmond
  Earlham College*
Terre Haute
  Indiana State University*
Valparaiso
  Valparaiso University*
West Lafayette

U.S. Government Printing Office Depositories

Anderson
  Anderson College
Crawfordsville
  Wabash College
Evansville and Vanderburgh County
  Public Library
Ft. Wayne
  Public Library of Ft. Wayne and Allen County
Franklin
  Franklin College Library
Greencastle
  DePauw University
Hammond
  Hammond Public Library
Huntington
  Huntington College
Indianapolis
  Butler University
  Indianapolis-Marion County Public Library
  Indiana University Law School
  Indiana Supreme Court Law Library
Kokomo
  Indiana University Regional Library
Lafayette
  Purdue University
Muncie
  Muncie Public Library
Richmond
  Morrison-Reeves Library
South Bend
  Indiana University
Valparaiso
  Valparaiso University School of Law

* Also a GPO Depository
** GPO Regional Depository

MAJOR REFERENCE LIBRARIES IN MICHIGAN

U.S. Geological Survey Depositories

Albion
  Albion College*
Allendale
  Grand Valley State College*
Alma
  Alma College*
Ann Arbor
  Great Lakes Basin Commission*
  University of Michigan*
Berrien Springs
  Andrews University
Bloomfield Hills
  Cranbrook Institute of Science*
Detroit
  Detroit Public Library
  University of Detroit*
  Wayne State University*
Dowagiac
  Southwestern Michigan College*
East Lansing
  Michigan State University*
Escanaba
  Michigan State Library*
Farmington
  Oakland Community College*
Flint
  Charles Steward Mott Library
  Flint Public Library*
Grand Rapids
  Calvin College Library*
  Knollcrest Calvin Library
  Grand Rapids Public Library*
Houghton
  Michigan Technological University*
Ishpeming
  Lake Superior Mining Institute
Kalamazoo
  Western Michigan University*
Lansing
  Geological Survey, Department of Conservation
  Michigan State Library**
Livonia
  Schoolcraft College

U.S. Government Printing Office Depositories

Ann Arbor
  University of Michigan
  University of Michigan School of Law
Benton Harbor
  Benton Harbor Public Library
Dearborn
  Henry Ford Centennial Library
  Henry Ford Community College
Detroit
  Detroit College of Law
  Marygrove College
  Mercy College of Detroit
  University of Detroit
  University of Detroit School of Law
  Wayne State
Jackson
  Jackson Public Library
Kalamazoo
  Kalamazoo Public Library
Lansing
  Thomas M. Cooley Law School
Livonia
  Schoolcraft College
Marquette
  Northern Michigan University
Mt. Clemens
  Macomb County Library
Olivet
  Olivet College Library
Petoskey
  North Central Michigan College
Port Huron
  St. Clair County Library
Rochester
  University Center
  Delta College Library
Warren
  Warren Public Library
Wayne
  Wayne Oakland Federated Library System

* Also a GPO Depository
** GPO Regional Depository

MAJOR REFERENCE LIBRARIES IN MICHIGAN (continued)

U.S. Geological Survey Depositories

Monroe
  Monroe County Library System*
Mt. Pleasant
  Central Michigan University*
Muskegon
  Hackley Public Library*
Rochester
  Oakland University*
Saginaw
  Hoyt Public Library*
Traverse City
  Northwestern Michigan College*
Ypsilanti
  Eastern Michigan University*

* Also a GPO Depository
** GPO Regional Depository

MAJOR REFERENCE LIBRARIES IN MINNESOTA

U.S. Geological Survey Depositories

Bemidji
- Bemidji State College*

Collegeville
- St. Johns University*

Duluth
- Duluth Public Library*
- University of Minnesota

Mankato
- Mankato State College*

Minneapolis
- Hennepin County Library*
- Minneapolis Public Library*
- St. Anthony Falls Hydraulic Laboratory Library
- University of Minnesota, Wilson Library**
- University of Minnesota, Winchell Library

Moorhead
- Moorhead State College*

Northfield
- Carleton College*
- St. Olaf College*

St. Cloud
- St. Cloud State College*

St. Paul
- James Jerome Hill Reference Library
- Macalester College Geology Dept. and Library
- Minnesota Geological Survey
- Minnesota Historical Society*
- St. Paul Public Library*
- Science Museum of Minnesota

St. Peter
- Gustavus Adophus College*

Winona
- Winona State University, Maxwell Library*

U.S. Government Printing Office Depositories

Minneapolis
- Anoka County Library
- University of Minnesota School of Law

Morris
- University of Minnesota at Morris

St. Paul
- Hamline University School of Law
- Minnesota State Law Library
- University of Minnesota St. Paul Campus
- William Mitchell College of Law

Stillwater
- Stillwater Public Library

Willmar
- Crow River Regional Library

MAJOR REFERENCE LIBRARIES IN OHIO

U.S. Geological Survey Depositories

Akron
  Akron Summit Public Library*
  University of Akron*
Alliance
  Mt. Union College*
Athens
  Ohio University*
Bowling Green
  Bowling Green State University*
Canton
  Malone College*
Chardon
  Geauga County Public Library*
Chillicothe
  Ohio University at Chillicothe
Cincinnati
  Cincinnati and Hamilton County Public Library*
  University of Cincinnati*
Cleveland
  Case Western Reserve University*
  Cleveland Public Library*
  Cleveland State University*
Columbus
  Capital University*
  Columbus and Franklin Counties Public Library*
  Ohio State Library**
  Ohio State University*
Dayton
  Dayton Museum of Natural History
  Dayton and Montgomery County Public Library*
  University of Dayton*
  Miami-Ohio State University
  Wright State University*
Delaware
  Ohio Wesleyan University*
Elyria
  Elyria Public Library*
Gambier
  Kenyon College*
Granville
  Denison University*
Hiram
  Hiram College*

U.S. Government Printing Office Depositories

Akron
  University of Akron School of Law
Ashland
  Ashland College
Batavia
  University of Cincinnati at Batavia
Bluffton
  Bluffton College
Cincinnati
  University of Cincinnati College of La
Cleveland
  Case Western Reserve University School of Law
  Cleveland Heights-University Heights Public Library
  Cleveland State University
  John Carroll University
  Municipal Reference Library
Columbus
  Ohio Supreme Court Law Library
Findlay
  Findlay College

Middletown
  Miami University at Middletown
Portsmouth
  Portsmouth Public Library
Rio Grande
  Rio Grande College
Springfield
  Warder Public Library
Steubenville
  College of Steubenville
  Steubenville and Jefferson County Public Library
Tiffin
  Heidelberg College
Westerville
  Otterbein College

*Also a GPO Depository
**A GPO Regional Depository

MAJOR REFERENCE LIBRARIES IN OHIO (continued)

U.S. Geological Survey Depositories

Kent
  Kent State University*
Marietta
  Marietta College*
New Concord
  Muskingum College*
Oberlin
  Oberlin College*
Oxford
  Miami University at Oxford*
Springfield
  Springfield Public Library
  Wittenberg University
Toledo
  Toledo-Lucas County Public Library*
  University of Toledo*
Wooster
  College of Wooster*
Yellow Springs
  Antioch College, Dept. of Earth
   Sciences and Library
Youngstown
  Youngstown and Mahoning County
   Public Library*
  Youngstown State University*

MAJOR REFERENCE LIBRARIES IN WISCONSIN

U.S. Geological Survey Depositories

Appleton
  Lawrence University*
Beloit
  Beloit College*
Eau Claire
  Wisconsin State University
Green Bay
  University of Wisconsin at Green Bay*
Kenosha
  University of Wisconsin at Parkside
La Crosse
  Wisconsin State University
Madison
  University of Wisconsin at Madison*
Milwaukee
  Milwaukee Public Library**
  University of Wisconsin at Milwaukee*
Oshkosh
  University of Wisconsin at Oshkosh*
Platteville
  U. of Wisconsin at Platteville*
Stevens Point
  University of Wisconsin at Stevens Point*

U.S. Government Printing Office Depositories

Eau Claire
  University of Wisconsin at Eau Claire
Fond du Lac
  Foud du Lac Public Library
La Crosse
  La Crosse Public Library
  University of Wisconsin at La Crosse
Madison
  Madison Public Library
  State Historical Society Library**
  Wisconsin State Law Library
Milwaukee
  Alverno College
  Milwaukee County Law Library
  Mt. Mary College
Racine
  Racine Public Library
River Falls
  University of Wisconsin-River Falls
Superior
  Superior Public Library
  University of Wisconsin at Superior
Waukesha
  Waukesha Public Library
Wausau
  Marathon County Public Library
Whitewater
  University of Wisconsin at Whitewater

APPENDIX B

COUNTY SOIL SURVEYS BY STATE

ILLINOIS

ADAMS
CARROLL (STATE)
.00J CLARK
.02 CLAY
.902 CLINTON
978 DE KALB
971 DOUGLAS
DUPAGE COUNTY AND PART OF COOK
EDWARDS AND RICHLAND
GALLATIN
GREENE
.980 GRUNDY
56 HENDERSON (STATE)
JACKSON
.6 JERSEY (STATE)
903 JOHNSON
54 JOHNSON (STATE)
9 KANE
KANKAKEE
KENDALL
KNOX
LAKE
2 LA SALLE (STATE)
LAWRENCE (STATE)
LOGAN
MCHENRY (STATE)
MCLEAN
MENARD (STATE)
MONTGOMERY
.04 O'FALLON AREA
980 OGLE
975 POPE, HARDIN AND MASSAC
8 PULASKI AND ALEXANDER
77 ROCK ISLAND
78 SALINE
3 SANGAMON
90 SANGAMON
72 ST. CLAIR
978 ST. CLAIR
976 STEPHENSON (STATE)
1902 TAZEWELL
1979 UNION
964 WABASH
12 WILL
52 WILL (STATE)
59 WILLIAMSON (STATE)
03 WINNEBAGO
980 WINNEBAGO AND BOONE

INDIANA

921 ADAMS
1908 ALLEN
969 ALLEN
747 BARTHOLOMEW
976 BARTHOLOMEW
916 BENTON
1928 BLACKFORD
*1912 BOONE
1975 BOONE
*1904 BOONEVILLE AREA
1946 BROWN
1958 CARROLL
*1955 CASS
1981 CASS
1974 CLARK AND FLOYD
1922 CLAY
*1914 CLINTON
1980 CLINTON
1975 CRAWFORD
1974 DAVIESS
1981 DEARBORN AND OHIO
1910 DECATUR
*1913 DELAWARE
1972 DELAWARE
1937 DUBOIS
1980 DUBOIS
*1914 ELKHART
1974 ELKHART
1960 FAYETTE AND UNION
1966 FOUNTAIN
1950 FRANKLIN
1946 FULTON
1922 GIBSON
*1915 GRANT
*1906 GREENE
*1912 HAMILTON
1978 HAMILTON
1925 HANCOCK
1978 HANCOCK
1975 HARRISON
1913 HENDRICKS
1974 HENDRICKS
1971 HOWARD
1940 JENNINGS
1976 JENNINGS
*1948 JOHNSON
1979 JOHNSON
1943 KNOX
1981 KNOX
*1922 KOSCIUSKO
1980 LAGRANGE
1944 LA PORTE
*1917 LAKE
1972 LAKE
*1922 LAWRENCE
*1903 MADISON
1967 MADISON
*1907 MARION
1978 MARION
*1904 MARSHALL
1980 MARSHALL
1946 MARTIN
1927 MIAMI
1979 MIAMI
*1922 MONROE
1981 MONROE
*1912 MONTGOMERY
1950 MORGAN
1981 MORGAN
*1905 NEWTON
*1955 NEWTON
*1953 NOBLE
1977 NOBLE
1930 OHIO AND SWITZERLAND
*1964 OWEN
1967 PARKE
1969 PERRY
1938 PIKE
*1916 PORTER
1981 PORTER
*1902 POSEY
1979 POSEY
1968 PULASKI
1925 PUTNAM
1981 PUTNAM
1931 RANDOLPH
*1937 RUSH
*1904 SCOTT
1962 SCOTT
1974 SHELBY
1973 SPENCER
*1950 ST. JOSEPH
1977 ST. JOSEPH
*1915 STARKE
1940 STEUBEN
1981 STEUBEN
1971 SULLIVAN
*1905 TIPPECANOE
1959 TIPPECANOE
*1912 TIPTON
1944 VANDERBURGH
1976 VANDERBURGH
1930 VERMILLION
1978 VERMILLION
1974 VIGO
*1914 WARREN
1979 WARRICK
1939 WASHINGTON
1925 WAYNE
*1915 WELLS
*1915 WHITE

MICHIGAN

1929 ALGER
*1901 ALLEGAN
*1904 ALMA AREA
1924 ALPENA
1923 ANTRIM
1978 ANTRIM
1967 ARENAC
1924 BARRY
1931 BAY
1980 BAY
*1902 BERRIEN
1980 BERRIEN
*1928 BRANCH
*1916 CALHOUN
*1906 CASS
1974 CHARLEVOIX
1939 CHEBOYGAN
1927 CHIPPEWA
1979 CLARE
1942 CLINTON
1978 CLINTON
1927 CRAWFORD
1977 DELTA AND HIAWATHA NATIONAL FOREST
*1930 EATON
1978 EATON
1973 EMMET
*1912 GENESEE
1972 GENESEE
1972 GLADWIN
1966 GRAND TRAVERSE
1979 GRATIOT
1924 HILLSDALE
1980 HURON
1941 INGHAM
1979 INGHAM
1967 IONIA
1937 IRON
1925 ISABELLA
1926 JACKSON
1981 JACKSON
*1922 KALAMAZOO
1979 KALAMAZOO
1927 KALKASKA
1926 KENT
1972 LAPEER
1973 LEELANAU
1961 LENAWEE
*1923 LIVINGSTON
1974 LIVINGSTON
1929 LUCE
*1923 MACOMB
1971 MACOMB
1922 MANISTEE
1939 MASON
1927 MECOSTA
1925 MENOMINEE
1950 MIDLAND

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* OUT OF PRINT ; NOT AVAILABLE FOR DISTRIBUTION

1979 MIDLAND
1981 MONROE
1960 MONTCALM
1930 MONTMORENCY
*1904 MUNISING AREA
*1924 MUSKEGON
1968 MUSKEGON
1951 NEWAYGO
1938 OCEANA
1923 OGEMAW
1969 OSCEOLA
1931 OSCODA
*1922 OTTAWA
1972 OTTAWA
*1904 OWOSSO AREA
*1905 OXFORD AREA
*1903 PONTIAC AREA
*1940 PRESQUE ISLE
*1921 RECONNAISSANCE ONTONAGON
1924 ROSCOMMON
1938 SAGINAW
*1904 SAGINAW AREA
1961 SANILAC
1939 SCHOOLCRAFT
1974 SHIAWASSEE
*1929 ST. CLAIR
1974 ST. CLAIR
*1921 ST. JOSEPH
1926 TUSCOLA
*1922 VAN BUREN
1930 WASHTENAW
1977 WASHTENAW
1977 WAYNE AREA
*1908 WEXFORD

MINNESOTA

*1916 ANOKA
1977 ANOKA
1977 BENTON
*1906 BLUE EARTH
1979 BLUE EARTH
1978 CARLTON
*1905 CARLTON AREA
1968 CARVER
1979 COTTONWOOD
*1906 CROCKSTON AREA
1965 CROW WING
1960 DAKOTA
1961 DODGE
1975 DOUGLAS
1957 FARIBAULT
1958 FILLMORE
1980 FREEBORN
*1913 GOODHUE
1976 GOODHUE
1978 GRANT
*1929 HENNEPIN
1974 HENNEPIN
*1929 HOUSTON
1930 HUBBARD
1958 ISANTI
*1923 JACKSON
*1939 KANABEC
1978 KANDIYOHI AREA
1979 KITTSON
*1924 LAC QUI PARLE
*1926 LAKE OF THE WOODS
(RECONNAISSANCE)
*1954 LE SUEUR
1970 LINCOLN
1979 LYON
*1903 MARSHALL AREA
*1955 MCLEOD
*1927 MILLE LACS
*1958 NICOLLET
1975 NOBLES
1974 NORMAN

*1923 OLMSTED
1980 OLMSTED
*1914 PENNINGTON
*1941 PINE
1976 PIPESTONE
1972 POPE
*1914 RAMSEY
*1939 RED RIVER VALLEY AREA
*1909 RICE
1975 RICE
1949 ROCK
1942 ROSEAU
1959 SCOTT
1968 SHERBURNE
1973 STEELE
*1919 STEVENS
1971 STEVENS
1973 SWIFT
1965 WABASHA
*1926 WADENA
1965 WASECA
1980 WASHINGTON-RAMSEY
1968 WRIGHT
1981 YELLOW MEDICINE

OHIO

*1938 ADAMS
1965 ALLEN
1980 ASHLAND
1973 ASHTABULA
*1903 ASHTABULA AREA
*1938 ATHENS
*1909 AUGLAIZE
*1927 BELMONT
1981 BELMONT
*1930 BROWN
*1927 BUTLER
1980 BUTLER
1971 CHAMPAIGN
1958 CLARK
*1923 CLERMONT
1975 CLERMONT
*1905 CLEVELAND AREA
1922 CLINTON
1968 COLUMBIANA
*1902 COLUMBUS AREA
*1904 COSHOCTON
1979 CRAWFORD
1981 CUYAHOGA
1969 DELAWARE
1971 ERIE
1960 FAIRFIELD
1973 FAYETTE
1980 FRANKLIN
*1922 FULTON
*1915 GEAUGA
1978 GREENE
*1915 HAMILTON
1973 HANCOCK
1974 HENRY
1977 HIGHLAND
1955 HURON
*1925 LAKE
1979 LAKE
*1938 LICKING
*1939 LOGAN
1980 LOGAN

1976 LORAIN
*1934 LUCAS
1980 LUCAS
1981 MADISON
*1917 MAHONING
1971 MAHONING
*1916 MARION
1977 MEDINA
*1906 MEIGS
1979 MERCER
*1916 MIAMI
1978 MIAMI
1974 MONROE
*1900 MONTGOMERY
1976 MONTGOMERY
*1925 MUSKINGUM
*1928 OTTAWA
*1914 PAULDING
1960 PAULDING
1980 PICKAWAY
*1914 PORTAGE
1978 PORTAGE
1969 PREBLE
*1930 PUTNAM
1974 PUTNAM
*1912 RECONNAISSANCE OF STATE OF OHIO
1975 RICHLAND
1967 ROSS
*1917 SANDUSKY
*1940 SCIOTO
1980 SENECA
1980 SHELBY
*1913 STARK
1971 STARK
1974 SUMMIT
*1902 TOLEDO AREA
*1914 TRUMBULL
1954 TUSCARAWAS
1975 UNION
1972 VAN WERT
*1938 VINTON
1973 WARREN
*1926 WASHINGTON
1977 WASHINGTON
*1905 WESTERVILLE AREA
1979 WILLIAMS
1966 WOOD
*1904 WOOSTER AREA

WISCONSIN

*1920 ADAMS
1980 ADAMS
1958 BARRON
*1910 BAYFIELD
1961 BAYFIELD
*1929 BROWN
1974 BROWN
*1913 BUFFALO
1962 BUFFALO
*1925 CALUMET
1980 CALUMET AND MANITOWOC
*1911 COLUMBIA
1978 COLUMBIA
*1930 CRAWFORD
1961 CRAWFORD
*1913 DANE
1978 DANE
1980 DODGE
*1916 DOOR
1978 DOOR
1975 DUNN
1977 EAU CLAIRE
*1911 FOND DU LAC

* OUT OF PRINT & NOT AVAILABLE FOR DISTRIBUTION

1973 FOND DU LAC
1961 GRANT
*1922 GREEN
1974 GREEN
*1922 GREEN LAKE
1977 GREEN LAKE
*1910 IOWA
1962 IOWA
*1918 JACKSON
*1902 JANESVILLE AREA
*1912 JEFFERSON
1979 JEFFERSON
*1911 JUNEAU
*1919 KENOSHA AND RACINE
1970 KENOSHA AND RACINE
*1911 KEWAUNEE
1980 KEWAUNEE
*1911 LA CROSSE
1960 LA CROSSE
1966 LAFAYETTE
*1926 MANITOWOC
1975 MARQUETTE
*1916 MILWAUKEE
1971 MILWAUKEE AND WAUKESHA
*1923 MONROE
*1918 OUTAGAMIE
1978 OUTAGAMIE
1970 OZAUKEE
1964 PEPIN
*1923 PIERCE
1968 PIERCE
1979 POLK
*1905 PORTAGE
*1915 PORTAGE
1978 PORTAGE
*1906 RACINE
*1913 RECONNAISSANCE
NORTHEASTERN
*1909 RECONNAISSANCE MARINETTE
*1914 RECONNAISSANCE NORTH
PART OF NORTHWESTERN
*1914 RECONNAISSANCE NORTH
PART OF NORTH CENTRAL
*1915 RECONNAISSANCE SOUTH
PART OF NORTH CENTRAL
1959 RICHLAND
*1917 ROCK
1974 ROCK
*1925 SAUK
1980 SAUK
*1924 SHEBOYGAN
1978 SHEBOYGAN
1978 ST. CROIX
*1904 SUPERIOR AREA
*1927 TREMPEALEAU
1977 TREMPEALEAU
*1928 VERNON
1969 VERNON
*1903 VIRCQUA AREA
*1920 WALWORTH
1971 WALWORTH
1971 WASHINGTON
*1921 WASHINGTON AND OZAUKEE
*1910 WAUKESHA
*1917 WAUPACA
*1909 WAUSHARA
*1927 WINNEBAGO
1980 WINNEBAGO
*1915 WOOD
1977 WOOD

APPENDIX C

STATE SOURCES OF BIOLOGICAL RESOURCES INFORMATION

APPENDIX C

ILLINOIS

General Information:

- Mammalogy Program: Ms. Carol Mahan
- Avian Program: Mr. Jernon Kleen
- Natural Areas Program: Mr. John Schwegman
- Botany Program: Mr. John Schwegman

The mailing address for the above are:

Division of Forest Resources and Natural Heritage
Department of Conservation
600 N. Grand Ave., W.
Springfield, IL 62706
217/782-2361

Aquatic Biology:

- Stream and basin survey information

  Northern Illinois

  Mr. Bill Bertrand
  Northern Streams Program
  P.O. Box 147
  Aledo, IL 61231

  Southern Illinois

  Mr. Bill Boyd
  Southern Streams Program
  R.R. 2, Box 62A
  Nashville, IL 62262

- Mussel Surveys
  Mr. Bill Fritz
  Commercial Fishing Program Manager
  140 Lake Vista Drive
  Carlyle, IL 62231

- Fish contaminant surveys, Les Frankland
- Annual Lake and Ponel surveys, Pete Palachino
- Fish Kill Surveys, Jim Mick
  Illinois Department of Conservation
  Division of Fish and Wild Life Resources
  600 N. Grand Avenue. W.
  Springfield, IL 62706

Terrestrial Biology:

The following persons can be contacted concerning terrestrial biology requests:

- Upland Game Annual Census

  Mr. James Moak
  Upland Wildlife Program
  Baldwin Beach
  Havana, IL 62644

- Waterfowl Annual Census

  Mr. Dennis Thornburg
  Union County Refuge
  R.R. 2
  Jonesboro, IL 62952

- Furbearing Mammal Annual Surveys
  Road Kill Reports

  Mr. George Hubert
  P.O. Box 728
  168 Coster Street
  Hinckley, IL 60520

- Hunter Harvest Surveys

  Mr. Jack Ellis
  Wildlife Resource Analyst
  129 North Kennedy Blvd.
  Vandalia, IL 62471

- Deer and Turkey Harvest Surveys
  Turkey and Grouse Spring Surveys
  Squirrel Surveys, Mast Surveys

  Mr. Frosty Loomis
  Program Manager
  125 North 1st Street
  Monmouth, IL 61462

- Forest Resources

  Mr. Dick Little
  Section Manager
  Forest Resources and Management
  Divison of Forest Resources and Natural Heritage
  600 North Grand Ave. W.
  Springfield, IL 62706

- Illinois Natural Area Inventory Data
  Biological and Botanical Surveys

  Ms. Melissa Murphy
  Conservation Resource Manager
  Illinois Department of Conservation
  Lincoln Tower Plaza
  524 South Second Street
  Springfield, IL 62706

- Threatened and Endangered Species

  Mr. Mike Sweet
  Endangered Species Coordinator
  Division of Forest Resources and Natural Heritage
  600 North Grand Ave. W.
  Springfield, IL 62706

- Wetlands

  Mr. Richard W. Lutz
  Supervisor, Impact Analysis Section
  Division of Planning and Information
  Lincoln Tower Plaza
  524 S. Second St.
  Springfield, IL 62706

- The Illinois Fish and Wildlife Information System (IFWIS)
  Dr. Michael D. Morin
  Division of Planning and Information
  Lincoln Tower Plaza
  524 S. Second St.
  Springfield, IL 62706
  217/782-4543

The IFWIS, a computerized database for existing species, is being developed by the Department of Conservation's Bureau of Program Services and Bureau of Natural Resources as well as the Illinois Natural History Survey. Information on 300 of the 1,000 total species on file should be available by July 1983.

- Illinois Streams Information System (ISIS)
  Department of Conservation
  Lincoln Tower Plaza
  524 S. Second St.
  Springfield, IL 62706
  Mr. Gregg Tichncek, Project Coordinator
  217/782-3884

- University of Illinois
  Department of Landscape Architecture
  214 Mumford Hall
  1301 W. Gregory Dr.
  Urbana, IL 61801
  217/333-0178

The ISIS database is a joint project of the University of Illinois and the Illinois Department of Conservation. Once completed, it will provide stream resource data for the approximately 2000 streams in Illinois whose watersheds are 10 square miles or larger. The database will include information on locational, chemical, physical, biological, cultural, recreational and development variables. The project is ongoing with future plans to include other water and geographical data.

Department of Energy and Natural Resources
Energy and Environmental Affairs
325 W. Adams
Springfield, IL 62706
Bill Frerichs
Manager of Environmental Research Section
217/785-8578

Information on publications available from the Energy and Environmental Affairs Section may be obtained by calling 800/252-8955.

- Botany and Plant Pathology Section, 217/333-6886
- Aquatic Biology Section, 217/333-4889
- Faunistic Surveys and Insect Identification, 217/333-6846
- Wildlife Research Section, 217/333-6870
- Fisheries Research Center, RD#1, Box 126, Kinmundy, IL 62854 618/245-6348

The above five sections may be contacted at the following address:

Illinois State Natural History Survey Division
179 Natural Resources Bldg.
Urbana, IL 61801
217/333-6830

INDIANA

Division of Fish and Wildlife
Department of Natural Resources
607 State Office Bldg.
100 N. Senate Ave.
Indianapolis, IN 46204
317/232-4080

Extension Wildlife Specialist
Department of Forestry and Natural Resources
Purdue University
West Lafayette, IN 47907
317/494-8395

MICHIGAN

Fisheries Division
Department of Natural Resources
Stevens T. Mason Bldg., 6th Fl.
P. O. Box 30028
Lansing, MI 48909
517/373-1280

Wildlife Division
Department of Natural Resources
Stevens T. Mason Bldg., 6th Fl.
P. O. Box 30028
Lansing, MI 48909
517/373-1263

Fisheries and Wildlife Extension Specialist
Natural Resources Bldg.
Michigan State University
E. Lansing, MI 48824
517/337-6652

MINNESOTA

- Division of Fish, 612/296-3325
- Divison of Wildlife 612/296-3344

Department of Natural Resources
Centennial Office Bldg., Box 33
658 Cedar St.
St. Paul, MN 55155

Wildlife Extension Specialist
Agricultural Extension Service
University of Minnesota
240 Coffey Hall
St. Paul, MN 55108
612/373-1016

OHIO

Wildlife Conservation Extension Specialist
State Extension Services
Ohio State University
2001 Fyffe Ct.
Columbus, OH 43210
614/422-1981

Ohio Biological Survey
980 Biological Sciences Bldg.
Ohio State University
484 W. 12th Ave.
Columbus, OH 43210
614/422-9645

- G. Robert Stroh, Executive Administrator, 614/265-6314
- Division of Wildlife, 614/265-6300
- Fish Management Section, 614/265-6300
- Division of Forestry, 614/265-6694
- Division of Natural Areas and Preserves, 614/265-6453

The mailing address for the above Divisions of the Ohio DNR is:

Ohio Department of Natural Resources
Fountain Sq.
Columbus, OH 43224
614/265-6565

- Division of Water Pollution Control
  Surveillance and Standards Section
  614/466-7427
  (Fish, macroinvertebrate, FINS database for fish population data)

- Office of the Planning Coordinator (OPC)
  614/466-7232
  (PEMSO database for threatened or endangered species)

The mailing address for the above offices of the Ohio EPA is:

Ohio EPA
361 E. Broad St.
Columbus, OH 43215
614/466-8565

- Ohio Cooperative Fishery Research Unit
  614/422-8961
- Ohio Cooperative Wildlife Research Unit
  614/422-6112

The mailing address for the above is:

Ohio State University
1835 Neil Ave.
Columbus, OH 43210

Site specific data may be obtained through the Wildlife District Manager for each group of counties listed below:

Wildlife District One
1500 Dublin Rd.
Columbus, OH 43210
614/265-7038
(centrally located counties)

Wildlife District Two
952 Lima Ave.
Findlay, OH 45840
419/422-6757
(Northwestern counties)

Wildlife District Three
912 Portage Lake Drive
Akron, OH 44319
216/644-2293
(Northeastern counties)

Wildlife District Four
3600 E. State St.
Athens, OH 45701
614/594-2211
(Southeastern counties)

Wildlife District Five
1076 Old Springfield Pike
Xenia, OH 45385
513/372-7668
(Southwestern counties)

In Sundusky: 419/625-8062
In Cleveland: 216/621-7968

WISCONSIN

- Bureau of Fish Management, 608/266-7025
- Bureau of Wildlife Management, 608/266-2193
- Office of Endangered and Nongame Species, 608/266-9168

Department of Natural Resources
P.O. Box 7921
Madison, WI 53707

Geological and Natural History Survey
University of Wisconsin-Extension
1815 University Ave.
Madison, WI 53706
608/262-1705

Extension Wildlife Specialists
Cooperative Extension Program
University of Wisconsin
432 N. Lake St.
Madison, WI 53706
608/263-2071, Extension 6325

Wisconsin Cooperative Fishery Research Unit
College of Natural Resources
University of Wisconsin in Stevens Point
Stevens Point, WI 54481
715/346-0123

Wisconsin Cooperative Wildlife Research Unit
Dept. of Wildlife Ecology
226 Russell Laboratories
University of Wisconsin at Madison
Madison, WI 53706
608/262-2671

APPENDIX D

LISTING OF REGIONAL PLANNING COMMISSIONS IN REGION V

APPENDIX D

Regional Planning Councils

ILLINOIS

Southern Five Regional Planning District
and Development Commission
202 South St.
Anna, IL 62906
618/833-2106

Barrington Council of Governments
132 W. Station
Barrington, IL 60010
312/381-7871

Belvidere-Boon County Regional Planning Commission
613 N. Main St.
Belvidere, IL 61008
815/544-5271

McLean County Regional Planining Commission
Illinois House, Suite 201
297 W. Jefferson St.
Bloomington, IL 61701
309/828-4331

Greater Egypt Regional Planning and
Development Commission
P.O. Box 3160
Carbondale, IL 62901
618/549-3306

West Central Illinois Valley Regional
Planning Commission
209 N. East St.
Carlinville, IL 62626
217/854-9642

Coles County Regional Planning Commission
P. O. Box 471
701 Monroe
Charleston, IL 61920
217/348-0521

Council of Governments of Cook County
400 W. Madison St.
Chicago, IL 60606
312/454-0400

Northeastern Illinois Planning Commission
400 W. Madison St.
Chicago, IL 60606
312/454-0400

Southwestern Illinois Metropolitan
and Regional Planning Commission
203 W. Main St.
Collinsville, IL 62234
618/344-4250

Macon County Regional Planning Commission
253 E. Wood St.
506 County Bldg.
Decatur, IL 62523

Tri-County Regional Planning Commission
P.O. Box 220
East Peoria, IL 61611
309/694-4391

Dukane Valley Council
719 Batavia Ave.
Geneva, IL 60134
312/232-9220

Greater Wabash Regional Planning Commission
100 S. Court St.
Grayville, IL 62844
618/375-2282

Southeastern Illinois Regional Planning
and Development Commission
206 Harrisburg National Bank Bldg.
Harrisburg, IL 62946
618/252-7463

Will County Regional Planning Commission
501 Ella Ave.
Joliet, IL 60433
815/727-8767

Kankakee County Regional Planning Commission
470 E. Merchant St.
Kankakee, IL 60901
815/937-2940

Logan County Regional Planning Commission
529 S. McLean St.
Lincoln, IL 62656
217/732-8835

Western Illinois Regional Council
223 S. Randolph
Macomb, IL 61455
309/837-3941

Grundy County Regional Planning Commission
Grundy County Court House
Morris, IL 60450
815/942-4412

Northwest Municipal Conference
100 S. Emerson St.
Mount Prospect, IL 60056
312/253-6323

Vermilion County Regional Planning Commission
R.R. 1, Box 261
Oakwood, IL 61858
217/446-8971

Embarras Regional Planning and Development Commission
P. O. Box 362
Olney, IL 62450
618/395-2151

North Central Illinois Council of Governments
P.O. Box 206
400 N. Main
Princeton, IL 61356
815/875-3396

Two Rivers Regional Council of Public Officials
Franklin Square
4th and State Sts.

217/224-8171

Bi-State Metropolitan Planning Commission
1504 Third Ave.
Rock Island, IL 61201
309/793-6300

Rock Valley Metropolitan Council
400 W. State St., Room 702
Rockford, IL 61101
815/963-6010

South Central Illinois Regional Planning
and Development Commission
Marion County Public Service Bldg.
200 E. Schwartz
Salem, IL 62881
618/548-4234

Springfield-Sangamon County Regional
Planning Commission
703 Myers Bldg.
One West Old State Capitol Plaza
Springfield, IL 62701

Moultrie County Regional Planning Commission
Courthouse
Sullivan, IL 61951
217/728-7922

DeKalb County Planning Commission
County Courthouse Annex
104 N. Main
Sycamore, IL 60178

Champaign County Regional Planning Commission
P.O. Box 339
Urbana, IL 61801
217/328-3313

Lake County Regional Planning Commission
Room A-803, County Administration Bldg.
Waukegan, IL 60085
312/689-6350

DuPage County Regional Planning Commission
421 N. County Farm Rd.
Wheaton, IL 60187
312/682-7230

McHenry County Regional Planning Commission
2200 N. Seminary Ave.
Woodstock, IL 60098
815/338-2040, Ext. 140

INDIANA

Madison County Council of Governments
Government Center
Anderson, IN 46016
317/646-9338

Region XI Development Commission
P. O. Box 904
2576 E. 25th St.
Columbus, IN 47201
812/372-9989

Region IX Development Commission
P. O. Box 222
Connersville, IN 47331
317/825-0524

Southwestern Indiana and Kentucky Regional
Council of Governments
Administration Bldg., Room 314
Civic Center Complex
Evansville, IN 47708
812/426-5117, 5118

Northeastern Indiana Regional Coordinating
Council
City-County Bldg., Room 640
One Main St.
Fort Wayne, IN 46802
219/423-7309

Kankakee-Iroquois Regional Planning Commission
Route 1, Box A-51
Francesville, IN 47946
219/567-9432

Northwestern Indiana Regional Planning Commission
8149 Kennedy Ave.
Highland, IN 46322
219/923-1060

Indiana Region XV Planning Commission
511 Fourth St.
P.O. Box 70
Huntingburg, IN 47542
812/683-4647

Indiana Heartland Coordinating Commission
7212 N. Shadeland Ave.
Suite 120
Indianapolis, IN 46250
317/849-4628

Region IIIA Development and Regional
Planning Commission
119 W. Mitchell
Kendallville, IN 46755
219/347-4714

Region IV Development Commission
301 Columbia St.
Lafayette, IN 47901
317/742-4402

Southern Indiana Development Commission
P.O. Box 442
Loogootee, IN 47553
812/295-3707

Region VI Planning and Development Commission
207 N. Talley Ave.
Muncie, IN 47303
317/285-6252

River Hills Regional Planning Commission
c/o Indiana University Southeast
4201 Grantline Rd.
New Albany, IN 47150
812/945-2731, Ext. 346

Quabache Regional Planning Commission
Singer Ross Bldg.
25 Court St.
Peru, IN 46970
317/472-4391

Michiana Area Council of Governments
1120 County-City Bldg.
South Bend, IN 46601
219/287-1829

West Central Indiana Economic
Development District
P.O. Box 359
121 S. 3rd St.
Terre Haute, IN 47808
812/238-1561

Southeastern Indiana Regional
Planning Commission
P.O. Box 127
Versailles, IN 47042
812/689-5505

MICHIGAN

Southeast Michigan Council of Governments
1249 Washington Blvd.
Book Bldg., Suite 800
Detroit, MI 48226
313/961-4266

Central Upper Peninsula Planning and
Development Regional Commission
2415 14th Ave., South
Escanaba, MI 49829
906/786-9234

Genesee-Lapeer-Shiawassee Region V
Planning and Development Commission
1602 W. Third Ave.
Flint, MI 48504
313/234-0340

Southcentral Michigan Planning Council
72 E. Michigan Ave.
Galesburg, MI 49053
616/665-4221

Northeast Michigan Council of Governments
P.O. Box 457
114 N. Court
Gaylord, MI 49735
517/732-3551

West Michigan Regional Planning Commission
60 Monroe at Ionia
1204 People's Bldg.
Grand Rapids, MI 49503
616/454-9375

Western Upper Peninsula Planning
and Development Region
P.O. Box 365
Houghton, MI 49931
906/482-7205

Region II Planning Commission
120 W. Michigan Ave.
Jackson County Tower
Jackson, MI 49201
517/788-4426

Tri-County Regional Planning Commission
913 W. Holmes Rd., Suite 201
Lansing, MI 48901
517/393-0342

West Michigan Shoreline Regional
Development Commission
500 Hackley Bank Bldg.
Muskegon Mall
Muskegon, MI 49440
616/722-7878

East Central Michigan Planning
and Development Region
P.O. Box 930
Saginaw, MI 48606
517/752-0100

Eastern Upper Peninsula Regional Planning
and Development Commission
426 Ashmun St.
Sault Ste. Marie, MI 49783
906/635-1581

Southwestern Michigan Regional
Planning Commission
2907 Division St.
St. Joseph, MI 49085
616/983-1529

Northwest Michigan Regional Planning
and Development Commission
160 E. State St.
Traverse City, MI 49684
616/946-5922

MINNESOTA

Upper Minnesota Valley Regional
Development Commission
323 W. Schlieman Ave.
Appleton, MN 56208
612/289-1981

Austin-Mower County Areawide
Planning Organization
Mower County Courthouse
Austin, MN 55912
507/433-1846

Headwaters Regional Development Commission
P.O. Box 586
722 15th St.
Bemidji, MN 56601
218/751-3108

Northwest Regional Development Commission
425 Woodland Ave.
Crookston, MN 56716
218/281-1396

Arrowhead Regional Development Commission
200 Arrowhead Place
Duluth, MN 55802
218/722-5545

West Central Regional Development Commission
Fergus Falls Community College
Fergus Falls, MN 56537
218/739-3356

Minnesota Valley Council of Governments
202 E. Jackson St.
Mankota, MN 56001
507/625-3161

Region IX Development Commission
P.O. Box 3367
120 S. Broad St.
Mankota, MN 56001
507/387-5643

Fargo-Moorhead Metropolitan Council of Governments
44 Foss Lane
Moorhead, MN 56560
218/233-2704

East Central Regional Development Commission
119 S. Lake St.
Mora. MN 55051
612/679-4065

Southeastern Minnesota Regional
Development Commission
2200 Second St., S.W.
Rochester, MN 55901
507/281-4051

Rochester-Olmsted Council of Governments
1421 Third Ave., S.E.
Rochester, MN 55901
507/285-8236

Southwest Regional Development Commission
P.O. Box 265
Slayton, MN 56172
507/836-8549

Central Minnesota Regional Development Commission
2700 1st St., North
St. Cloud, MN 56301
612/253-7870

St. Cloud Area Planning Organization
46 N. 28th Ave.
St. Cloud, MN 56301
612/252-7568

Metropolitan Inter-County Association
2305 Ford Pkwy., Suite 103
St. Paul, MN 55116
612/690-2282

Metropolitan Council of the
Twin Cities Area
300 Metro Square Bldg.
St. Paul, MN 55101
612/291-6454

Region V Regional Development Commission
611 Iowa Ave.
Staples, MN 56479
218/894-3233

Six East Regional Development Commission
311 W. Sixth St.
Willmar, MN 56201
612/235-8504

OHIO

Northeast Ohio Four County Regional
Planning and Development Organization
Delaware Bldg., Suite 300
137 S. Main St.
Akron, OH 44309
216/253-4196

Summit County Council of Governments
Ohio Bldg., Room 210
175 S. Main St.
Akron, OH 44308
216/253-7101

Ohio Mid-Eastern Governments Association
326 Highland Ave.
Cambridge, OH 43725
614/439-4471

Stark County Regional Planning Commission
511 County Office Bldg.
Canton, OH 44702
216/454-5651

Ohio-Kentucky-Indiana Regional
Council of Governments
426 E. Fourth St.
Cincinnati, OH 45202
513/621-7060

Northeast Ohio Areawide Coordinating Agency
Playhouse Square
1501 Euclide Ave.
Cleveland, OH 44115
216/241-2414

Mid-Ohio Regional Planning Commission
514 S. High St.
Columbus, OH 43215
614/228-2663

Coshocton County Regional Planning Commission
124 Chestnut St.
Coshocton, OH 43812
614/622-5411

Miami Valley Regional Planning Commission
117 S. Main St., Suite 200
Dayton, OH 45402
513/223-6323

Maumee Valley Resource Conservation
Development and Planning Organization
1012 Ralston Ave.
Definance, OH 43512
419/782-4548

Delaware County Regional Planning Commission
110½ N. Franklin St.
Delaware, OH 43015
614/369-8761, Ext. 292

Lake County Council of Governments
37549 Willow Dr.
East Lake, OH 44094
216/946-6045

Logan-Union-Champaign Region Planning Commission
P.O. Box 141
East Liberty, OH 43319
513/666-3431

Hancock Regional Planning Commission
223 S. Main St.
Findlay, OH 45840
419/422-3322

Lima-Allen County Regional Planning Commission
212 N. Elizabeth St.
Lima, OH 45801
419/228-1836

Columbiana County Planning Commission
110 Nelson Ave.
Lisbon, OH 44432
216/424-9511, Ext. 278

Richland County Regional Commission
35 N. Park St.
Mansfield, OH 44902
419/522-9454

Buckeye Hills-Hocking Valley Regional
Development District
St. Clair Bldg., Suite 410
216 Putnam St.
Marietta, OH 45750
614/374-9436

Marion County Regional Planning Commission
169½ E. Center St.
Marion, OH 43302
614/387-6188

Tuscarawas County Regional Planning Commission
172 N. Broadway
New Philadelphia, OH 44663
216/364-8811, Ext. 246

Licking County Regional Planning Commission
743 E. Main St.
Newark, OH 43055
614/345-1577

Huron County Regional Planning Commission
180 Milan Ave.
Norwalk, OH 44857
419/668-6193

North Star Council of Governments
Huron County Administration Bldg.
180 Milan Ave.
419/668-2911

Ohio Valley Regional Development Commission
740 Second St.
Portsmouth, OH 45662
614/354-7795

Erie Regional Planning Commission
2121 Cleveland Rd.
Sandusky, OH 44870
419/625-9062

Clark County-Springfield Regional
Planning Commission
25 West Pleasent St.
Springfield, OH 45506
513/325-4665

Brook-Hancock-Jefferson Metropolitan
Planning Commission
814 Adams St.
Steubenville, OH 43952
614/282-3685

Jefferson County Regional Planning Commission
P.O. Box 383
Steubenville, OH 43952
614/283-4111, Ext. 229

Toledo Metropolitan Area Council of Governments
The Davis Bldg.
123 Michigan St.
Toledo, OH 43624
419/241-9155

Eastgate Development and Transportation Agency
130 Javit Ct.
Youngstown, OH 44515
216/793-3282

WISCONSIN

West Central Wisconsin Regional Planning Commission
124½ Graham Ave.
Eau Claire, WI 54701
715/836-2918

Bay-Lake Regional Planning Commission
S.E. Bldg., Suite 450
University of Wisconsin at Green Bay
Green Bay, WI 54302
414/465-2135

Mississippi River Regional Planning Commission
400 N. Fourth St.
Courthouse, Room 110
La Crosse, WI 54601
608/785-9396

Dane County Regional Planning Commission
City-County Bldg., Room 114
Madison, WI 53709
608/266-4137

East Central Wisconsin Regional Planning Commission
140 Main St.
Menasha, WI 54952
414/729-1100

Southwestern Wisconsin Regional Planning Commission
426 Karrmann Library
725 W. Main St.
Platteville, WI 53818
608/342-1214

Northwest Regional Planning Commission
302 Walnut St.
Spooner, WI 54801
715/635-2197

Southeastern Wisconsin Regional Planning Commission
P.O. Box 769
916 N. East Ave.
Waukesha, WI 53186
414/547-6721

North Central Wisconsin Regional Planning Commission
901 Cherry St.
Wausau, WI 54401
715/675-2345

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